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THE MARKETING OF FRESH FRUITS AND VEGETABLES IN THE CITY OF MONTREAL

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TABLE OF CONTENTS

		Page
INTRODUCTION		1
ACKNOWLEDGMENTS		3
Part I	SUMMARY OF WHOLESALE MARKETING IN MONTREAL 1937	3
Part II	METHOD OF ARRIVAL OF FRESH FRUITS AND VEGETABLES IN MONTREAL 1937	13
	Receipts of Fresh Fruits and Vegetables by Rail and Boat	13
	Receipts of Fresh Fruits and Vegetables by Boat	23
	Receipts of Fresh Fruits and Vegetables by Rail	27
	Receipts of Fresh Fruits and Vegetables by Less than carlot	29
	Receipts of Fresh Fruits and Vegetables by Motor Truck	29
	Place of Incividual Quebec-grown Products in Supplying Montreal's Total Requirements	32
Part III	ANALYSIS OF WHOLESALE AND RETAIL FRESH FRUIT AND VEGETABLE MARKETING AGENCIES	
	Wholesale Marketing Agencies	36
	Wholesalers and Jobbers	36
	Purchases	
	Sales	
	Banana Wholesalers	39
	Independent Retail Marketing Agencies	40
	Independent Retail Stores	40
	Average Sales of Retail Stores by Districts	45
	Chain Retail Stores	47
	Truckers and Pedlars	51
	Hotels, Restaurants, Hospitals, Institutions, Railway and Steamship Companies	52
	Public Markets in Montreal	54
	Sales to Points outside of Montreal	54
Part IV	MARKETING OF FRUITS AND VEGETABLES BY GROWERS IN MONTREAL	59
	Public Market Sales by Growers	60
	Value of Individual Grower's Sales	63
	Bridges Used by Growers	65
	Streets Used by Growers	66
	Vehicles Used by Growers	67
	Number of Loads and Value per load by Counties	68
	Information Obtained from 421 Growers Selling in Montreal 1938	72
	Laval	
	Jacques Cartier	
	Deux Montagnes	
	Terrebonne	
	L'Assomption	

TABLE OF CONTENTS (cont'd)

		Page
Part IV	MARKETING OF FRUITS AND VEGETABLES BY GROWERS IN MONTREAL (cont'd)	
	Information Obtained from 421 Growers Selling in Montreal 1938 (cont'd)	
	Napierville	
	Laprairie	
	Chateauguay	
	Rouville	
	Chambly	
	Number of tons per $1000 of sales.	78
	Estimated Value and Tonnage by Commodity of Quebec-grown Fruits and Vegetables Sold in Montreal in 1937.	79
Part V	OPINIONS OF INDEPENDENT RETAIL STOREKEEPERS AND GROWERS WITH REFERENCE TO IMPROVEMENTS OF THE MONTREAL PUBLIC MARKETS	81
Part VI	COMPARISONS OF VALUE AND PRODUCTION OF FRESH FRUITS AND VEGETABLES PRODUCED IN QUEBEC PROVINCE IN 1933 TO VALUE AND PRODUCTION FOR SIX YEARS 1933-1938.	82
SUMMARY		83
APPENDIX		88

INTRODUCTION

This study of the wholesale marketing of fresh fruits and vegetables in the City of Montreal was made at the request of the Quebec Department of Agriculture. The object of the study was to provide information which could be used in arriving at decisions concerning the need and place for more up-to-date and efficient facilities in the City of Montreal for the marketing of fresh fruits and vegetables and particularly for those grown in the Province of Quebec.

Motor trucks have largely replaced horses and wagons in the transportation of farm products from the farm to the city; there has been a great increase in the use of fresh fruits and vegetables in recent years and the City of Montreal has had a substantial increase in population since the existing public market places were established. The Bonsecours Market in particular has become so congested that improved facilities for handling wholesale quantities of fresh fruits and vegetables are vitally needed. The facts and figures provided in this report relate to the distribution of fresh fruits and vegetables in the City of Montreal, including those originating in the Province of Quebec as well as those obtained from other provinces and other countries.

The survey which was made during the summer of 1938, deals only with information for the calendar year 1937. The original data on which this report is based, were obtained from carlot unload records furnished by the Fruit and Vegetable Division of the Marketing Service of the Dominion Department of Agriculture. These figures, together with price information obtained from wholesalers and jobbers of fresh fruits and vegetables and from chain stores in Montreal, have made it possible to

present a fairly complete analysis of the marketing of produce grown outside the Province of Quebec. Information obtained from growers and truckers, together with the records of growers' loads brought to public markets daily, which are kept by the market superintendent in Montreal, were used to estimate the total sales of Quebec-grown produce sales for 1937. The value of truck crops in Quebec Province in 1937 was 17.5 per cent above the six year average 1933-1938 as shown in table 71. The indices of production and value for each of the 14 most important truck crops are shown in tables 72 and 73 based on the same six year average. Of the 14 crops, 11 were more than 5 per cent above the six year average in 1937, and only one crop (cauliflower) was more than 5 per cent below the six year average.

The value of the potato crop for Quebec in 1937 is shown to be 12.4 per cent below the six year average of $9,170,000. The value of apples produced in Quebec in 1937 was 13 per cent above average.

The total value of all fresh fruits and vegetables produced in 1937 was only one-half of one per cent above the six year average of $16,315,000.

In addition to the agencies already mentioned, retail stores, hotels and restaurants, pedlars and others were asked to complete questionnaires pertaining to their purchases of fresh fruits and vegetables grown in Quebec and elsewhere. The information obtained from all sources should give a reasonably complete picture of the marketing of fresh fruits and vegetables in Montreal during 1937.

Acknowledgements

The authors of this report are grateful to Dr. W.C. Hopper, Principal Agricultural Economist of the Economics Division of the Marketing Service of the Dominion Department of Agriculture under whose supervision this entire study was carried on. Thanks are also extended to:- Messrs. W.F. Chown, A.H. Turner, G.P. Boucher of the same Division of the Dominion Department of Agriculture;- Messrs. H. Dubord, T.R. Marier, C. DeGuise, Eugene Legal and his staff of inspectors and others of the Quebec Department of Agriculture and the Department of Trade and Commerce. Thanks are also extended to Mr. W.J. Tawse, Marketing Specialist and Mr. J.H. Lavoie, Horticulturist of the Quebec Department of Agriculture, for their assistance from time to time.

The sincere thanks of the authors are extended to Montreal City market officials, all wholesalers and jobbers, chain store executives and their office staffs, to growers, retail storekeepers, transportation company officials, truckers, hospital officials, hotel and restaurant managers, city pedlars and all others who co-operated by giving the information requested of them.

PART I

Summary of Wholesale Marketing of Fresh Fruits and Vegetables in Montreal, 1937

Fresh fruit and vegetable produce valued at more than $16,631,000 (on the basis of laid down cost in Montreal) was sold in Montreal in 1937 (Table 1). Of this total, $3,254,000 or 19.6 per cent was reshipped to points outside of Montreal.

Table 1.- Value of All Fresh Fruits and Vegetables Received by Different Marketing Agencies in Montreal, 1937

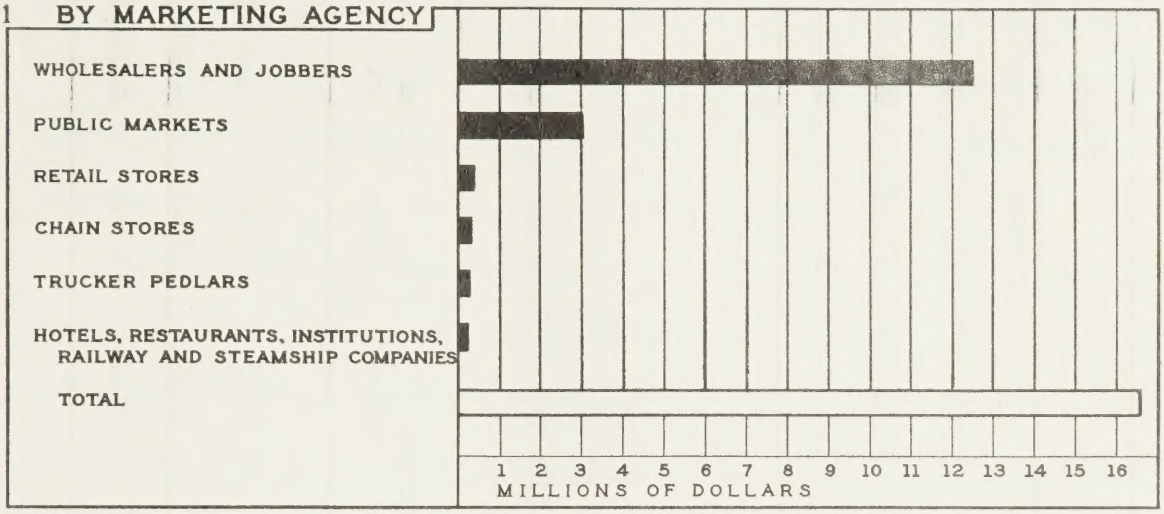
Marketing Agency	Value	Percentage
	$	%
Purchases of wholesalers and jobbers	12,564,643	75.6
Sales on the public markets	3,008,700	18.1
Purchases, except those from wholesalers and on public markets, of		
Independent retail stores	346,853	2.1
Chain stores	268,479	1.6
Truckers and pedlars	236,800	1.4
Hotels, restaurants, institutions, railway and steamship companies	205,749	1.2
Total	16,631,224	100.0

Of the total fresh fruits and vegetables sold in Montreal, wholesalers and jobbers handled about 75 per cent by value. Sales on public markets totalled more than three million dollars, or 18 per cent, while direct purchases by independent retail stores, chain stores, truckers and pedlars, other than from wholesalers and jobbers or from public markets were valued respectively at $346,900, $268,500 and $236,800. The remaining produce, worth $205,800 was purchased by hotels, restaurants, institutions, railway and steamship companies.

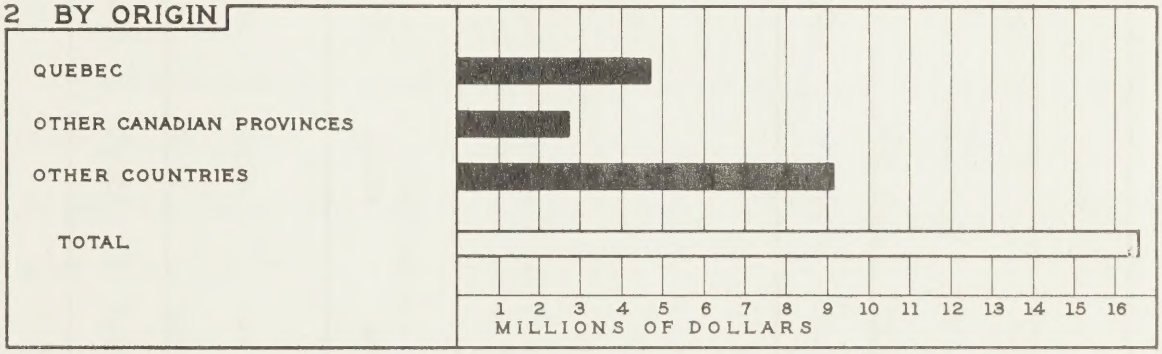
Approximately 54 per cent of the tonnage and 28 per cent of the value of all receipts of fresh fruits and vegetables in Montreal during 1937 originated in the Province of Quebec, mainly from the Islands of Montreal and Jesus (Tables 2 and 3).

GENERAL SUMMARY OF WHOLESALE FRUIT AND VEGETABLE MARKETING IN MONTREAL, 1937.

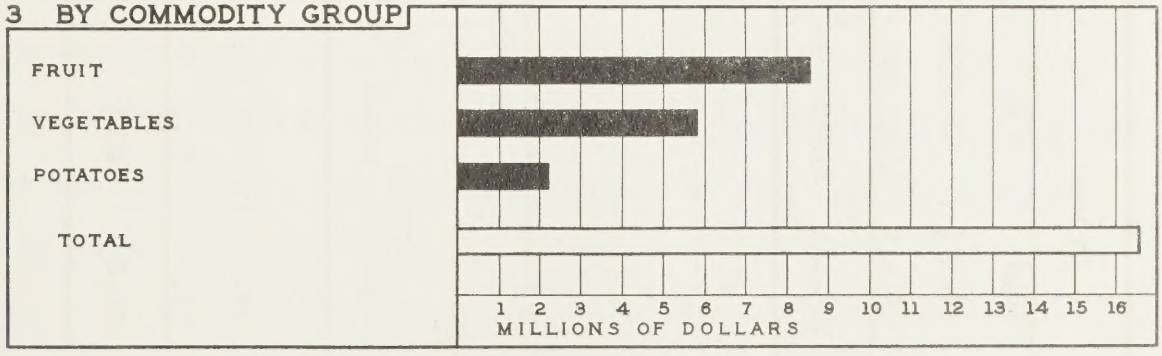
1 BY MARKETING AGENCY


WHOLESALERS AND JOBBERS
PUBLIC MARKETS
RETAIL STORES
CHAIN STORES
TRUCKER PEDLARS
HOTELS, RESTAURANTS, INSTITUTIONS, RAILWAY AND STEAMSHIP COMPANIES
TOTAL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
MILLIONS OF DOLLARS

2 BY ORIGIN



3 BY COMMODITY GROUP



4 BY METHOD OF TRANSPORTATION

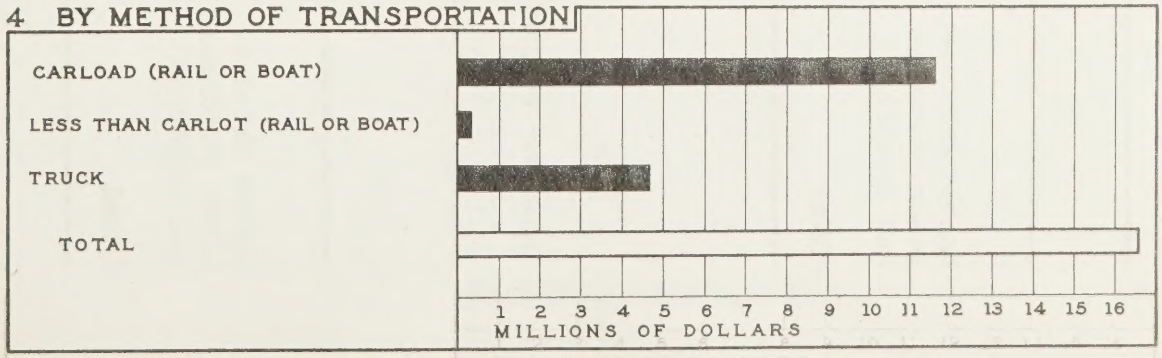


Table 2.- Volume and Value of Fresh Fruits and Vegetables from Quebec Province and From Elsewhere Brought to Montreal in 1937

	Fruits		Vegetables		Potatoes		Total	
	tons	$	tons	$	tons	$	tons	$
Quebec Province	16,259	924,834	110,845	2,721,166	81,567	1,055,209	208,671	4,701,209
Other provinces and countries	93,422	7,661,097	34,281	3,087,828	52,657	1,181,090	180,361	11,930,015
Total	109,681	8,585,931	145,126	5,808,994	134,225	2,236,299	389,032	16,631,224

Table 3.- Percentage by Volume and Value of Fresh Fruits and Vegetables from Quebec Province and from Elsewhere Brought to Montreal in 1937

	Fruits		Vegetables		Potatoes		Total	
	tons	value	tons	value	tons	value	tons	value
	%	%	%	%	%	%	%	%
Quebec Province	14.8	10.8	76.4	46.8	60.8	47.2	53.6	28.3
Other provinces and countries	85.2	89.2	23.6	53.2	39.2	52.8	46.4	71.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Of the produce originating elsewhere than in Quebec and valued at $11,930,015, about 17 per cent or $2,786,600 worth came from other provinces of Canada, while the United States of America supplied fruits and vegetables worth $9,143,000, representing the major portion of the balance.

Quebec Province produced about 11 per cent by value and 15 per cent by volume of all fruits brought to the City of Montreal. On the other hand, Quebec-grown vegetables represented about 76 per cent of the volume and 47 per cent of the value of all vegetables. Quebec potatoes accounted for 61 per cent of the total potatoes by volume and 47 per cent by value.

It has been estimated that 389,032 tons of fresh fruits, vegetables and potatoes were sold in Montreal in 1937, of which 208,671 tons or 54 per cent were produced in Quebec Province. This represented 28 per cent by value.

In table 4 is shown the total average quantity of fresh fruits, vegetables and potatoes from Quebec and elsewhere that it was possible to purchase at wholesale with $1,000 in 1937 in Montreal. Of Quebec grown fresh fruits and vegetables, 44.39 tons represented $1,000 worth, while of similar products grown elsewhere it took only 15.12 tons to represent the same value.

Table 4.- Number of Tons per $1,000 of Sales of Fruits, Vegetables and Potatoes from Quebec Province and Elsewhere

	Fruits	Vegetables	Potatoes	Total
	tons	tons	tons	tons
Quebec produce	17.58	40.73	77.29	44.39
Other produce	12.20	11.10	44.58	15.12
Total	12.77	24.98	60.02	23.39

Table 5.- Value by Commodity Group of All Fresh Fruits and Vegetables Received in Montreal in 1937

Commodity Group	Value	Percentage
	$	%
Fruit	8,585,931	51.6
Vegetables	5,808,994	34.9
Potatoes	2,236,299	13.5
Total	16,631,224	100.0

Approximately 52 per cent of the total value of fresh fruit and vegetable produce handled in Montreal was represented by fresh fruits which included oranges and other citrus fruits, bananas, apples, peaches, berries and so forth (Table 5). The value of fresh vegetables was almost $5,809,000 or 35 per cent of the total value and potatoes amounted to almost $2,236,300.

Because Montreal is situated in the centre of a large vegetable producing area and is also an important ocean port, shipments arrived in considerable quantities by motor truck and boat as well as by rail.

Table 6.- Value of Fresh Fruits and Vegetables Received in Montreal in 1937 by Different Methods of Transportation

Method of Transportation	Value	Percentage
	$	%
Rail (freight and express)	9,915,794	59.6
Motor truck and horse-drawn vehicles	4,696,125	28.2
Boat	2,019,305	12.2
Total	16,631,224	100.0

Slightly less than sixty per cent of the total produce arrived by rail, either freight or express, while 28 per cent arrived by motor truck and horse-drawn vehicles and the remaining 12 per cent came by boat (Table 6). Of the total arriving by rail and boat, only about $310,000 worth was received in less than carload lots.

Table 7.- Wholesale Value Laid Down in Montreal of Fresh Fruits, Vegetables and Potatoes Received by Different Montreal Marketing Agencies from Quebec, Other Canadian Provinces and Other Countries by Different Methods of Transportation, 1937

Marketing agency, origin and class of produce	Total direct purchases	From Quebec Province	Other origin	Fruits	Vegetables	Potatoes	In carload quantities	Less than carlot	Motor truck
	$	$	$	$	$	$	$	$	$
Wholesalers and jobbers	12,564,643	634,628	11,930,015	7,908,474	3,243,660	1,412,509	11,624,868	310,231	629,544
Public markets	3,008,700	3,008,700	-	451,300	1,976,700	580,700	-	-	3,008,700
Chain stores*	268,479	268,479	-	19,987	238,300	10,192	-	-	268,479
Hotels, restaurants*	205,749	205,749	-	32,537	133,089	40,123	-	-	205,749
Truckers, pedlars*	236,800	236,800	-	56,216	36,799	143,785	-	-	236,800
Independent retail stores*	346,853	346,853	-	117,417	180,446	48,990	-	-	346,853
Total	16,631,224	4,701,209	11,930,015	8,585,931	5,808,994	2,236,299	11,624,869	310,231	4,696,125
Origin									
Quebec Province	4,701,209	4,701,209	-	924,834	2,721,166	1,055,209	127,222	23,092	4,545,895
Other Canadian provinces	2,786,603	-	2,786,603	1,437,387	247,272	1,101,944	2,600,141	166,265	20,197
Other countries	9,143,412	-	9,143,412	6,223,710	2,840,556	79,146	8,897,505	115,874	130,033
Total	16,631,224	4,701,209	11,930,015	8,585,931	5,808,994	2,236,299	11,624,868	310,231	4,696,125
Commodities									
Fruits	8,585,931	924,834	7,661.097	8,585,931	-	-	7,366,137	180,346	1,039,448
Vegetables	5,808,994	2,721,166	3,087.828	-	5,808,994	-	2,970,574	128,573	2,709,847
Potatoes	2,236,299	1,055,209	1,181,090	-	-	2,236,299	1,288.157	1,312	946,830
Total	16,631,224	4,701,209	11,930,015	8,585,931	5,808,994	2,236,299	11,624,868	310,231	4,696,125

* Purchases from wholesalers and jobbers and on public markets not included.

Table 8.- Percentage of Wholesale Value Laid Down in Montreal of Fresh Fruits, Vegetables and Potatoes Received by Different Montreal Marketing Agencies from Quebec, Other Canadian Provinces and Other Countries and by Different Methods of Transportation, 1937

Marketing agency, origin and class of produce	Total direct purchase	From Quebec Province	Other origin	Fruits	Vegetables	Potatoes	In carload quantities	Less than carlot	Motor truck
	%	%	%	%	%	%	%	%	%
Wholesalers and jobbers	75.6	3.9	71.7	47.6	19.5	8.5	69.9	1.9	3.8
Public markets	18.1	18.1	-	2.7	11.9	3.5	-	-	18.1
Chain stores	1.6	1.6	-	0.1	1.4	0.1	-	-	1.6
Hotels and restaurants	1.2	1.2	-	0.2	0.3	0.2	-	-	1.2
Truckers, pedlars	1.4	1.4	-	0.3	0.3	0.8	-	-	1.4
Independent retail stores	2.1	2.1	-	0.7	1.1	0.3	-	-	2.1
Total	100.0	28.3	71.7	51.6	35.0	13.4	69.9	1.9	28.2
Origin									
Quebec province	28.3	28.3	-	5.6	16.4	6.3	0.8	0.2	27.3
Other Canadian provinces	16.7	-	16.7	8.6	1.5	6.6	15.6	1.0	0.1
Other countries	55.0	-	55.0	37.4	17.1	0.5	53.5	0.7	0.8
Total	100.0	28.3	71.7	51.6	35.0	13.4	69.9	1.9	28.2
Commodities									
Fruits	51.6	5.5	46.1	51.6	-	-	44.3	1.1	6.2
Vegetables	34.9	16.4	18.5	-	35.0	-	17.8	0.8	16.3
Potatoes	13.5	6.4	7.1	-	-	13.4	7.8	-	5.7
Total	100.0	28.3	71.7	51.6	35.0	13.4	69.9	1.9	28.2

A detailed analysis by value and percentage by value respectively of the total receipts of fresh fruits and vegetables in Montreal is shown in tables 7 and 8. Of the total receipts of wholesalers and jobbers, only $634,000 represented the value of local produce from Quebec Province. This small amount -- only 5 per cent of the wholesalers' total receipts -- was due partly to the fact that most of the larger wholesalers are located at the railway terminal at which little produce is received by motor truck, but chiefly because most of the Quebec-grown produce is sold by producers on public markets direct to the retailers or consumers. Of the produce sold in this manner sales of vegetables amounted to almost $2,000,000; sales of potatoes, $580,700, and the remaining $451,300 represented sales of fruits. In cities where a modern wholesale market has been created as a joint rail and motor truck terminal for the receipt of produce by truck and rail, and in some instances also by boat, sales of locally grown produce have been substantially increased. Most buyers require a complete line of local and imported produce and when they can obtain all their requirements at one central place they purchase larger quantities. Such a market also attracts a larger number of buyers because of the wide variety and large volume offered for sale and the splendid facilities provided for parking and handling of the produce.

PART II

Method of Arrival of Fresh Fruits and Vegetables in Montreal, 1937

Receipts of Fresh Fruits and Vegetables by Rail and Boat

Produce valued at more than $11,935,000 arrived in Montreal by rail and boat in 1937. A detailed analysis of the arrivals each month of the different kinds of fruits and vegetables is presented in table 11. This information is also summarized by commodity groups according to value in tables 9 and 10.

Table 9.- Value by Commodity Groups of Fresh Fruits and Vegetables Arriving by Months by Rail and Boat 1937 (Carlot and L.C.L.)

Month 1937	Vegetables	Potatoes	Citrus Fruits	Other Fruits	Miscel-* laneous	Total
	$	$	$	$	$	$
January	141,549	126,275	142,571	110,429	3,280	524,104
February	256,050	187,840	232,422	147,165	2,878	826,355
March	365,854	182,160	286,963	204,303	5,086	1,044,366
April	404,312	129,200	276,377	242,042	3,725	1,055,656
May	540,708	173,683	207,334	416,054	8,228	1,346,007
June	547,839	128,409	393,860	497,680	11,361	1,579,149
July	295,592	32,031	247,858	520,678	37,742	1,133,901
August	51,309	1,030	275,710	509,501	22,820	860,370
September	39,234	33,194	216,462	596,147	8,400	893,437
October	119,376	151,539	298,220	545,304	7,725	1,122,164
November	135,472	89,489	368,817	265,870	632	860,280
December	201,852	54,619	222,096	209,569	1,174	689,310
Total	3,099,147	1,289,469	3,168,690	4,264,742	113,051	11,935,099

* Mixed Fruits and Vegetables and Small Quantity of Nuts

Table 10.- Percentage by Value by Months and by Commodity Groups of Fresh Fruits and Vegetables Arriving in Montreal by Rail and Boat, 1937

Month	Vegetables	Potatoes	Citrus Fruits	Other Fruits	Miscel-laneous	Total
	%	%	%	%	%	%
January	4.6	9.8	4.5	2.6	2.9	4.4
February	8.3	14.6	7.4	3.5	2.5	6.9
March	11.8	14.1	9.1	4.8	4.5	8.7
April	13.0	10.0	8.7	5.7	3.3	8.8
May	17.4	13.5	6.6	9.7	7.3	11.3
June	17.7	10.0	12.4	11.7	10.1	13.2
July	9.5	2.5	7.8	12.2	33.4	9.5
August	1.7	0.1	8.7	11.9	20.2	7.2
September	1.3	2.6	6.8	14.0	7.4	7.5
October	3.8	11.7	9.4	12.8	6.8	9.4
November	4.4	6.9	11.6	6.2	0.6	7.2
December	6.5	4.2	7.0	4.9	1.0	5.9
Total	100.0	100.0	100.0	100.0	100.0	100.0

January was the low month of the year for arrivals when only slightly more than $524,000 worth of fresh fruits and vegetables were received. From February until June there was a steady increase each month and in the latter month the peak for the year was reached. During June, fruits and vegetables valued at more than one and one-half million dollars were received by rail and boat. This figure declined to $1,134,000 in July and still further to $860,000 in August and then rose again to more than $1,122,000 in October after which time there was a steady decline to the end of the year.

Vegetable receipts were highest in May and June and during these two months more than 35 per cent of the total yearly value was received. Potato receipts were highest in February and March, with arrivals totalling $187,800 and $182,200, respectively.

Table 11.- Value of Different Kinds of Fresh Fruits and Vegetables Arriving by Months in Montreal by Freight, Express and Boat (Carlot and Less-Than-Carlot), 1937
(Laid Down Cost in Montreal)

Commodity	January	February	March	April	May	June	July	August	September	October	November	December	Total
	$	$	$	$	$	$	$	$	$	$	$	$	$
Asparagus	-	-	824.51	17,499.73	3,255.30	1,183.77	-	-	-	-	-	-	22,763.31
Beets	597.42	603.54	487.89	512.64	-	96.75	-	-	-	-	-	-	2,298.24
Beans	8,009.35	3,850.34	328.44	6,557.04	24,193.44	31,672.36	-	-	-	2,200.00	3,728.21	6,373.07	86,912.25
Cabbages	1,635.63	5,647.89	13,434.48	16,623.61	44,150.42	16,902.81	-	-	-	-	-	1,000.00	99,394.84
Canteloups	-	-	-	-	1,100.00	44,431.25	64,420.96	12,132.32	1,983.84	888.30	-	-	124,956.67
Carrots	3,679.02	15,597.80	26,135.00	39,349.10	45,170.14	31,357.42	1,600.00	-	-	-	-	1,564.52	164,453.00
Cauliflower	3,566.88	5,461.98	11,976.91	9,305.36	12,810.35	5,937.93	-	-	-	-	5,640.98	9,150.09	63,930.48
Celery	20,557.29	52,877.37	60,237.22	32,609.41	54,855.21	24,023.36	-	-	-	3,470.34	17,370.37	27,382.82	293,383.39
Cucumbers	-	-	753.92	7,848.84	10,590.42	20,110.77	-	-	-	-	-	78.99	39,382.94
Honey dew	-	-	2,343.15	-	1,000.00	3,798.00	23,380.82	6,734.00	1,923.40	881.81	1,067.69	-	41,128.87
Lettuce	28,629.80	47,583.27	59,045.23	78,601.41	78,501.85	9,182.92	-	6,401.40	22,090.14	38,848.32	34,272.00	49,272.21	452,728.55
Onions	7,764.45	5,110.90	9,435.99	13,282.31	25,841.17	11,480.21	9,160.68	11,010.96	7,092.12	23,709.97	19,255.45	12,140.00	155,284.21
Peas	4,466.40	177.79	11,228.50	8,870.25	18,129.07	10,894.79	-	10,202.80	3,800.62	8,657.52	7,371.82	5,037.12	88,836.68
Peppers	750.00	-	-	-	248.00	-	-	-	-	-	-	-	998.00
Radish	1,017.45	2,077.96	7,830.58	4,252.81	1,999.72	6.75	-	-	-	-	1,300.00	1,249.65	19,734.92
Rhubarb	442.51	163.39	341.36	163.69	-	-	-	-	-	-	-	-	1,110.95
Shallots	1,054.25	2,617.38	4,788.10	1,266.58	-	-	-	-	-	-	-	1,729.82	11,456.13
Spinach	5,370.45	10,715.54	13,685.85	12,813.65	6,821.65	30.38	-	-	-	-	7,435.26	10,977.84	67,850.62
Sweet potatoes	768.06	3,371.43	2,031.46	1,235.47	-	-	-	800.00	2,343.56	3,459.72	3,285.00	2,460.30	19,755.00
Tomatoes	28,280.55	65,644.63	93,028.23	119,366.12	181,496.66	307,270.41	170,356.81	1,933.32	-	36,510.25	29,459.78	53,790.89	1,089,139.65
Turnips	-	-	1,906.18	1,200.00	700.00	-	-	-	-	-	-	-	3,806.18
Watermelon	-	-	-	-	3,703.70	18,171.60	26,670.60	1,793.90	-	-	-	-	50,339.80
Mixed vegetables	24,959.40	34,548.80	46,010.58	32,846.37	46,140.89	11,489.95	-	-	-	750.00	5,285.43	19,645.09	201,502.51
Total vegetables	141,548.91	259,050.01	365,853.58	404,310.39	540,747.17	577,837.43	395,591.87	51,308.70	39,233.68	119,376.23	135,471.99	201,852.41	3,099,147.19
Potatoes	126,275.18	137,839.55	182,160.56	129,199.71	171,[illegible].46	178,407.81	46,[illegible].43	1,030.00	33,193.79	151,538.46	89,489.43	54,319.00	1,289,468.86
Grapefruit	22,391.26	27,067.92	36,734.24	36,096.07	[illegible]	[illegible]	26,660.75	7,031.37	25,889.04	34,718.88	40,728.28	20,772.70	331,835.58
Lemons	13,911.48	20,986.08	32,708.91	5,276.07	60,[illegible]	121,402.29	62,[illegible]	21,202.30	6,494.63	44,740.89	64,264.57	29,532.36	483,404.14
Oranges	93,812.80	163,496.32	186,196.24	221,101.71	249,[illegible]	223,[illegible]	149,[illegible]	230,869.24	179,426.98	218,760.34	259,276.51	184,713.81	2,193,[illegible].14
Other citrus	3,105.48	3,[illegible].80	2,878.08	-	-	128.00	[illegible]	3,520.50	-	-	1,855.93	5,077.36	21,240.15
Mixed citrus	3,349.84	10,094.84	25,445.11	13,803.32	16,[illegible]	[illegible]	[illegible]	13,086.24	2,651.56	-	2,651.56	2,000.00	125,[illegible]
Total citrus	136,570.86	225,421.96	286,962.58	276,371.17	325,[illegible]	393,[illegible]	247,[illegible]	275,709.65	216,462.20	298,220.11	368,816.85	282,196.23	3,148,690.34
Apples	47,691.02	66,479.67	83,961.22	65,484.83	85,[illegible]	40,106.72	[illegible]	10,379.30	69,877.22	211,848.82	102,227.90	87,700.11	923,764.86
Apricots	-	-	-	-	-	-	3,536.67	1,500.00	-	-	-	-	5,036.67
Bananas	34,569.76	52,565.04	80,806.88	94,269.38	148,[illegible]	181,[illegible]	152,[illegible]	144,382.35	105,731.78	52,234.15	56,069.91	43,740.32	1,146,[illegible].20
Cherries	-	-	-	-	1,550.30	48,869.62	70,559.72	-	-	-	-	-	120,979.64
Cranberries	-	-	-	33.30	-	-	-	-	13,732.25	15,367.40	7,401.63	2,051.70	38,586.28
Grapes	17,172.69	4,390.41	10,822.07	20,756.95	18,[illegible]	4,454.10	26,[illegible].00	98,388.86	107,688.14	212,810.34	82,457.90	58,[illegible].24	662,424.57
Peaches	-	-	-	-	-	17,699.52	32,791.14	81,261.01	93,521.95	761.10	78.63	-	226,113.35
Pears	4,444.42	5,647.17	7,516.20	12,651.90	12,750.80	-	34,684.65	112,078.12	69,054.62	10,682.14	14,783.66	15,758.11	300,051.79
Pineapples	-	3,332.00	4,222.10	13,147.72	33,006.12	23,362.61	1,631.22	-	-	-	-	732.29	79,434.06
Plums	-	-	-	-	-	26,647.85	60,703.36	14,359.37	3,769.59	384.30	-	-	105,864.47
Pomegranates	-	-	-	-	-	-	-	-	-	1,756.38	1,142.85	-	2,899.23
Prunes	-	-	-	-	-	-	-	3,122.54	10,339.50	2,318.12	-	-	15,780.16
Blueberries	-	-	-	-	-	154.50	4,547.61	18,191.24	663.62	-	-	-	23,556.97
Strawberries	5,570.88	7,902.09	12,475.64	32,437.80	110,290.97	109,939.56	50,363.11	-	-	-	-	-	328,980.05
Raspberries	-	-	-	-	-	-	11,673.90	1,373.40	-	-	-	-	13,047.30
Mixed fruit	780.00	4,849.00	4,498.53	3,259.84	5,557.70	44,523.45	21,583.66	24,465.39	121,768.36	37,141.48	1,707.36	1,500.00	271,634.77
Total	110,428.77	147,165.38	204,302.64	242,041.72	436,053.80	497,679.74	520,677.87	509,501.58	596,147.03	545,304.23	265,869.84	209,568.77	4,264,741.37
Mixed fruits and vegetables	3,273.79	2,877.90	4,804.25	3,400.00	665.25	11,361.00	29,997.87	6,544.99	-	-	632.12	1,000.00	64,557.17
Nuts	6.52	-	282.58	324.90	7,562.50	-	7,743.75	16,275.00	8,400.00	7,725.00	-	173.76	48,494.01
Grand tota[illegible]	424,104.03	826,354.80	1,044,366.19	1,055,655.89	1,346,007.36	1,579,149.04	1,133,900.59	860,369.92	893,436.71	1,122,164.03	860,280.23	689,310.17	11,935,[illegible].04

June and November were the two high months for citrus fruits, while for each of the four months from July to October between $500,000 and $600,000 worth of other fruits, including bananas, apples and grapes arrived in Montreal by rail and boat.

Table 12.- Importance of Certain Kinds of Fresh Fruits and Vegetables Arriving in Montreal by Rail and Boat in 1937

Kind	Value	Per cent of total
	$	%
Vegetables		
Tomatoes	1,087,140	35.1
Lettuce	452,129	14.6
Celery	293,383	9.5
Carrots	164,453	5.3
Total above four vegetables	1,997,705	64.5
Other vegetables	1,101,442	35.5
Total	3,099,147	100.0
Citrus fruits		
Oranges	2,193,535	69.2
Other citrus fruits	975,155	30.8
Total	3,168,690	100.0
Fruits		
Bananas	1,146,587	26.9
Apples	923,765	21.7
Grapes	662,425	15.5
Strawberries	328,980	7.7
Pears	285,268	6.7
Total above five fruits	3,347,025	78.5
Other fruits	917,716	21.5
Total	4,264,741	100.0

On the basis of value, (not including potatoes) tomatoes were the most important single vegetable received. They represented more than 35 per cent of the total value of all fresh vegetables received by rail and boat. The four most important vegetables, namely, tomatoes, lettuce, celery and carrots together made up approximately 65 per cent of all

rail and boat arrivals of vegetables. Oranges valued at $2,193,500, were 70 per cent of citrus fruit arrivals in Montreal in 1937 while five fruits, namely bananas, apples, grapes, strawberries and pears together totalled $3,347,000 or 78.5 per cent of other fruits.

The value of fresh fruits and vegetables from individual countries and states for each month of 1937 is shown in table 15 with summaries by principal countries in tables 13 and 14. Only a small proportion of Quebec-grown produce arrived by rail and boat, the total value being $155,314.

Table 13.- Summary of Monthly Wholesale Value of Total Arrivals of Fresh Fruits and Vegetables in Montreal, By Freight, Express and Boat, from Canada, United States and Other Countries during 1937

Month	Quebec	Other Canadian provinces	United States	Other countries	Total
	$	$	$	$	$
January	22,290	168,704	257,151	75,959	524,104
February	26,916	233,527	358,782	207,130	826,355
March	11,150	259,298	520,505	253,413	1,044,366
April	5,716	166,994	595,500	287,446	1,055,656
May	23,182	160,044	597,864	564,917	1,346,007
June	13,877	182,346	981,200	401,726	1,579,149
July	27,428	223,732	540,977	341,764	1,133,901
August	15,676	105,351	447,091	292,252	860,370
September	1,235	368,514	289,268	234,420	893,437
October	4,136	506,097	329,089	282,842	1,122,164
November	2,112	226,591	276,922	354,655	860,280
December	1,596	165,208	389,102	133,404	689,310
Total	155,314	2,766,406	5,583,451	3,429,928	11,935,099

TOTAL VALUE OF FRESH FRUITS AND VEGETABLES RECEIVED IN MONTREAL FROM VARIOUS ORIGINS BY FREIGHT, EXPRESS OR BOAT, 1937.

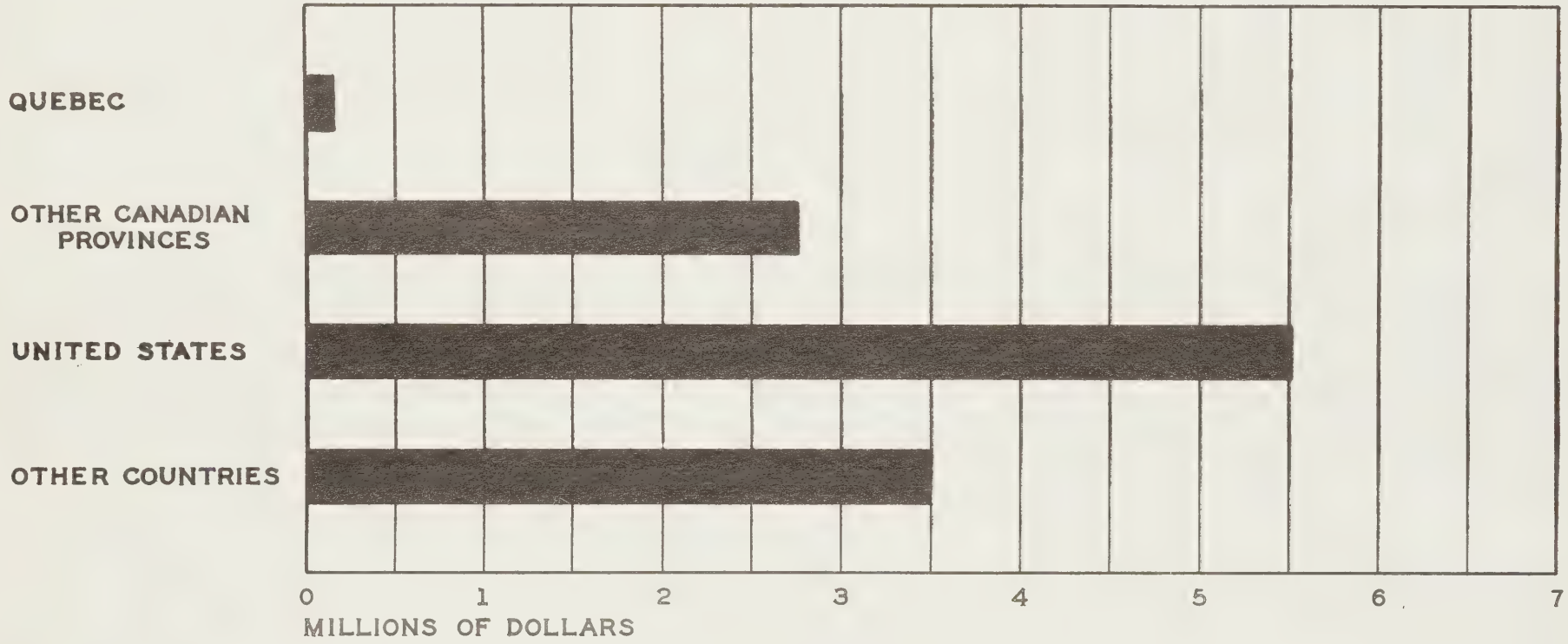


Table 14.- Percentage by Value of Total Arrivals by Months of Fresh Fruits and Vegetables in Montreal by Freight, Express and Boat, from Canada, United States and Other Countries 1937

Month	Quebec	Other Canadian provinces	United States	Other countries	Total
	%	%	%	%	%
January	14.3	6.0	4.6	2.2	4.4
February	17.3	8.4	6.4	6.0	6.9
March	7.1	9.4	9.3	7.4	8.7
April	3.6	6.0	10.6	8.4	8.8
May	15.0	5.8	10.7	16.5	11.3
June	8.9	6.6	17.6	11.8	13.2
July	17.6	8.0	9.7	10.0	9.5
August	10.0	3.8	8.0	8.5	7.2
September	0.7	13.3	5.3	6.8	7.5
October	2.7	18.3	5.9	8.2	9.4
November	1.8	8.2	5.0	10.3	7.2
December	1.0	6.2	6.9	3.9	5.9
Total	100.0	100.0	100.0	100.0	100.0
January	4.2	32.2	49.1	14.5	100.0
February	3.2	28.3	43.4	25.1	100.0
March	1.3	24.4	49.9	24.4	100.0
April	0.5	15.8	56.4	27.3	100.0
May	1.7	11.9	44.4	42.0	100.0
June	0.9	11.5	62.2	25.4	100.0
July	2.4	19.7	47.7	30.2	100.0
August	1.8	12.2	52.0	34.0	100.0
September	0.1	41.2	32.4	26.3	100.0
October	0.4	45.1	29.3	25.2	100.0
November	0.3	26.3	32.2	41.2	100.0
December	0.3	24.0	56.4	19.3	100.0
Total	1.3	23.2	46.8	28.7	100.0

Canadian provinces other than Quebec shipped produce into Montreal by rail and boat to the value of $2,766,300. New Brunswick shipments totalling $961,700 were highest in value, followed closely by Ontario shipments which were valued at $945,800. Fifty per cent of New Brunswick's sales in Montreal (consisting chiefly of potatoes), arrived

Table 15.- Value of Fresh Fruits and Vegetables Arriving by Months in Montreal by Freight, Express and Boat (Carlot and Less-Than-Carlot) From Different Provinces, States and Countries, 1937

Origin	January	February	March	April	May	June	July	August	September	October	November	December	Total
	$	$	$	$	$	$	$	$	$	$	$	$	$
CANADA													
British Columbia	22,554.88	22,588.80	34,521.00	19,496.07	1,770.00	5,533.00	42,892.82	4,101.00	65,167.08	136,593.64	47,946.50	50,593.32	453,758.11
New Brunswick	104,098.02	142,245.15	148,336.80	106,379.20	96,991.40	76,376.49	22,788.60	8,260.40	30,661.13	127,655.36	44,559.74	53,319.00	961,671.29
Nova Scotia	17,215.79	27,472.80	32,316.66	8,900.97	532.05	51.84	22,158.12	8,102.16	27,045.74	29,221.60	37,666.02	20,034.05	230,717.80
Ontario	23,235.01	24,780.52	21,967.36	21,582.25	19,949.75	96,402.60	135,891.56	84,887.69	243,342.01	184,053.91	49,276.16	40,422.88	945,791.70
Prince Edward Island	1,600.00	16,440.19	22,156.00	10,635.00	40,800.60	3,982.40	-	-	2,298.60	28,571.76	47,142.63	840.05	174,467.23
Quebec	22,289.96	26,915.80	11,150.35	5,715.75	23,181.67	13,877.13	27,428.50	15,675.52	1,234.68	4,136.30	2,112.16	1,596.39	155,314.21
Total Canada	190,993.66	260,443.26	270,448.17	172,709.24	183,225.47	196,223.46	251,159.60	121,026.77	369,749.24	510,232.57	228,703.21	166,805.69	2,921,720.34
U. S. A.													
Alabama	-	-	-	746.80	-	-	-	-	-	-	-	-	746.80
Arizona	16,833.05	3,379.05	28,726.16	73,071.44	14,923.63	6,090.17	25,296.60	888.30	-	1,700.00	5,200.00	28,638.23	204,746.63
Arkansas	-	-	-	2,912.53	4,276.36	15,632.82	17,421.00	-	-	-	-	-	40,242.71
California	123,236.07	169,919.23	297,078.29	287,556.62	279,979.84	498,273.51	302,283.91	411,064.19	243,032.04	282,960.99	205,865.52	278,321.10	3,379,571.31
Colorado	2,742.45	-	-	-	-	-	-	-	1,994.00	1,770.11	113.40	-	6,619.96
Delaware	-	1,309.05	1,788.44	-	4,564.80	25,867.60	30,016.35	1,599.16	350.00	-	1,263.00	938.25	67,696.65
Florida	64,148.05	118,350.19	81,838.54	78,023.11	48,070.71	31,737.65	1,930.90	3,200.00	1,200.00	5,592.78	29,073.11	29,273.20	492,438.24
Georgia	-	-	-	-	-	11,603.70	33,845.07	1,335.76	-	-	-	-	46,784.53
Idaho	-	-	-	-	-	-	-	-	-	1,180.97	1,230.90	1,281.00	3,692.87
Illinois	-	-	-	-	-	4,656.97	6,854.75	-	-	-	-	-	11,511.72
Iowa	-	-	-	-	-	-	-	-	-	1,100.00	-	-	1,100.00
Kentucky	-	-	-	-	-	1,500.00	-	-	-	-	-	-	1,500.00
Louisiana	1,054.25	6,353.31	10,933.70	44,498.87	77,269.23	5,429.25	-	-	-	-	-	5,886.90	151,425.51
Maryland	-	-	-	-	27,977.73	24,019.74	17,060.88	1,240.00	700.00	-	-	-	70,998.35
Massachusetts	-	-	-	-	-	-	-	-	13,722.25	10,969.00	-	-	24,691.25
Mississippi	-	-	-	2,560.02	37,772.78	77,330.91	1,500.00	-	-	-	1,855.93	-	121,019.64
Missouri	343.93	374.26	913.96	236.62	109.35	-	-	-	-	-	428.31	252.11	2,658.54
New Jersey	768.06	1,355.40	-	979.44	-	-	655.44	-	1,907.40	6,937.09	1,513.40	1,522.05	15,638.28
New York	-	-	328.44	10,007.55	-	3,533.77	87.25	-	-	8,702.98	7,049.10	4,807.59	34,516.68
North Carolina	-	-	-	-	8,287.35	13,045.20	16,976.56	7,585.47	-	-	-	-	45,894.58
Oregon	2,820.00	3,788.58	7,516.20	12,651.90	2,579.93	-	-	3,122.54	26,012.02	6,975.14	3,903.06	12,392.72	81,762.09
South Carolina	-	706.98	-	10,348.95	8,093.16	18,613.66	9,232.73	12,496.44	-	-	-	-	59,491.92
Tennessee	-	-	-	-	-	11,629.84	25,653.60	-	-	-	508.60	-	37,792.04
Texas	43,205.82	53,246.18	86,326.67	45,411.55	38,873.68	192,044.82	37,693.24	-	-	-	4,421.76	14,715.26	515,938.98
Virginia	2,000.00	-	-	4,340.40	42,559.26	40,190.12	14,468.52	4,559.15	350.00	-	6,783.50	5,305.20	120,556.15
Washington	-	-	5,054.28	22,154.47	2,526.55	-	-	-	-	1,200.00	7,712.71	5,767.64	44,415.65
Total	257,151.68	358,782.23	520,504.68	595,500.27	597,864.36	981,199.73	540,976.80	447,091.01	289,267.71	329,089.06	276,922.30	389,101.25	5,583,451.08
OTHER													
British West Indies	65,219.56	112,245.89	91,301.46	112,844.84	184,365.40	203,892.11	174,169.57	162,104.19	124,684.38	138,137.54	188,001.47	95,521.92	1,652,488.33
Cuba	646.79	18,763.96	74,444.41	12,362.03	33,978.99	23,362.61	8,860.86	1,500.00	5,783.04	-	-	9,418.69	189,121.38
Mexico	9,367.65	14,017.68	34,659.80	124,016.57	165,873.51	17,875.83	-	-	-	-	-	1,500.00	367,311.04
Honduras	-	-	-	-	-	-	-	3,498.21	9,633.40	19,419.10	6,095.56	2,000.00	40,646.27
Puerto Rico	-	1,727.40	837.20	785.69	-	-	-	-	-	-	-	-	3,350.29
Argentina	-	3,703.05	1,822.07	-	-	-	-	-	-	-	-	-	5,525.12
Brazil	-	-	-	-	-	-	103,864.31	113,925.96	86,318.94	-	-	-	304,109.21
Chili	-	2,999.00	6,600.00	-	3,214.95	-	-	-	6,000.00	-	-	-	18,813.95
Other, South America	-	-	9,898.53	19,097.34	18,628.80	4,012.94	-	-	-	-	-	-	51,637.61
Imported via New York	186.98	-	4,040.37	3,342.13	5,003.70	6,299.40	-	-	-	-	207.68	238.45	19,318.71
Australia	-	-	-	-	42,599.35	-	-	-	-	9,000.00	-	-	51,599.35
New Zealand	-	-	-	-	46,760.00	33,248.10	5,249.70	-	-	-	-	-	85,257.80
Belgium	537.71	-	68.85	321.81	434.17	-	-	-	-	-	153.59	860.73	2,376.86
Italy	-	15,364.08	25,907.85	2,172.48	46,925.91	103,340.20	46,619.75	11,223.78	-	33,450.00	64,284.57	23,287.44	372,576.06
Spain	-	17,341.85	-	2,280.59	4,455.40	312.78	-	-	-	-	-	-	24,390.62
Egypt	-	-	-	1,363.06	11,868.21	8,131.88	-	-	-	-	-	-	21,363.15
Jaffa	-	20,966.40	1,612.80	-	-	-	-	-	-	-	-	-	22,579.20
Syria	-	-	-	-	-	-	-	-	-	-	13,000.00	-	13,000.00
South Africa	-	-	2,220.00	-	809.12	1,250.00	-	-	2,000.00	80,262.72	82,911.85	576.00	170,029.69
Other imports	-	-	-	8,859.84	-	-	3,000.00	-	-	2,573.04	-	-	14,432.88
Total other	75,958.69	207,129.31	253,413.34	287,446.38	564,917.51	401,725.85	341,764.19	292,252.14	234,419.76	282,842.40	354,654.72	133,403.23	3,429,927.52

during the first four months of the year. Ontario produce, composed mainly of small fruits, grapes, apples and peaches, arrived in quantity from June until October, with September being the peak month. If truck arrivals from Ontario were included it would place Ontario in the premier position among Canadian provinces shipping into Montreal in 1937. British Columbia was third in importance shipping fresh fruit and vegetables by rail (principally the former) valued at $453,800.

Twenty-six of the states in the United States of America together shipped over $5,583,400 by rail into Montreal in 1937.

Table 16.- Importance of Individual Provinces, States and Countries Shipping Fresh Fruits and Vegetables into Montreal, 1937, by Rail and Boat

	Value	Percentage of total
	$	%
Province		
New Brunswick	961,671	34.8
Ontario	945,792	34.2
British Columbia	453,758	16.4
Total	2,361,221	85.4
Total Canadian provinces (exclusive of Quebec)	2,766,406	100.0
State		
California	3,379,571	60.5
Texas	515,939	9.2
Florida	492,438	8.8
Arizona	204,747	3.7
Louisiana	151,426	2.7
Mississippi	121,020	2.2
Virginia	120,556	2.2
Total seven states	4,985,697	89.3
Total United States	5,583,451	100.0
Country		
British West Indies	1,648,501	48.1
Italy	372,576	10.9
Mexico	367,311	10.7
Brazil	304,109	8.9
Total four countries	2,692,497	78.6
Total other countries	3,429,928	100.0

Of the total from the United States, 60.5 per cent came from the one western state of California (Table 16) and was made up of all kinds of fruits and vegetables including large shipments of citrus fruits. Four southern states surrounding the Gulf of Mexico namely, Texas, Florida, Louisiana and Mississippi were responsible for produce valued at $515,900, $492,400, $151,400 and $121,000, respectively, and together made up 23 per cent of the United States' total. The five states mentioned above

together with Arizona and Virginia contributed approximately 90 per cent of receipts from the United States.

Receipts from countries other than Canada and the United States totalled approximately $3,430,000, almost half of which originated in the British West Indies. Italy, Mexico and Brazil shipped fresh fruits and vegetables valued at $372,600, $367,300 and $304,100, respectively, and together with British West Indies were responsible for almost 80 per cent of the total from other countries.

Receipts of Fresh Fruits and Vegetables by Boat

Monthly arrivals by boat during the navigation season, April 15 to November 30, are shown in detail by commodity in table 18, and summarized by commodity groups in table 17.

Table 17.- Monthly Value by Commodity Groups of Fresh Fruits and Vegetables Arriving by Boat in Montreal, 1937

Month	Citrus fruits	Other fruits	Vegetables	Potatoes	Mixed fruits and vegetables	Total
	$	$	$	$	$	$
April	5,889	47,135	2,980	3,451	700	60,155
May	53,362	183,445	28,942	36,762	7,228	309,739
June	78,003	178,717	20,732	5,283	2,661	285,396
July	130,057	134,511	12,600	7,019	8,741	292,928
August	122,852	78,036	-	-	16,275	217,163
September	100,166	95,637	-	-	8,400	204,203
October	194,387	54,656	-	24,517	7,725	281,285
November	256,262	49,924	25,941	36,309	-	368,436
Total	940,978	822,061	91,195	113,341	51,730	2,019,305

Table 18.- Monthly Value of Individual Commodities of Fresh Fruits and Vegetables Arriving in Montreal by Boat in 1937

Commodity	April	May	June	July	August	September	October	November	Total
	$	$	$	$	$	$	$	$	$
Vegetables									
Carrots	-	-	2,400.00	1,600.00	-	-	-	-	4,000.00
Celery	1,900.00	9,456.70	1,900.00	-	-	-	-	-	13,256.70
Onions	1,080.00	18,470.47	4,431.92	-	-	-	-	13,000.00	36,982.39
Tomatoes	-	-	12,000.00	11,000.00	-	-	-	12,940.74	35,940.74
Turnips	-	350.00	-	-	-	-	-	-	350.00
Mixed vegetables	-	665.25	-	-	-	-	-	-	665.25
Total	2,980.00	28,942.42	20,731.92	12,600.00	-	-	-	25,940.74	91,195.08
Citrus Fruits									
Grapefruits	1,436.00	2,918.61	3,439.19	4,812.75	963.84	12,451.11	12,195.36	8,484.21	46,701.07
Lemons	2,172.48	34,064.80	74,564.40	24,242.27	7,482.52	-	30,876.96	64,284.57	237,688.00
Oranges	2,280.59	3,341.55	-	99,051.56	113,925.96	87,715.06	151,314.08	183,493.31	641,122.11
Limes	-	-	-	950.00	-	-	-	-	950.00
Mixed citrus	-	13,036.53	-	1,000.00	480.00	-	-	-	14,516.53
Total	5,889.07	53,361.49	78,003.59	130,056.58	122,852.32	100,166.17	194,386.40	256,262.09	940,977.71
Fruits Other									
Apples	-	25,050.00	-	-	-	-	2,422.24	-	27,472.24
Bananas	47,134.68	147,325.82	177,467.01	134,510.96	78,036.27	93,636.59	52,234.15	49,924.43	780,269.91
Grapes	-	809.12	1,250.00	-	-	-	-	-	2,059.12
Pears	-	8,811.60	-	-	-	-	-	-	8,811.60
Total	47,134.68	181,996.54	178,717.01	134,510.96	78,036.27	93,636.59	54,656.39	49,924.43	818,612.87
Mixed fruits	-	1,448.54	-	-	-	2,000.00	-	-	3,448.54
Mixed fruits and veget.	700.00	-	2,661.00	997.87	-	-	-	-	4,358.87
Cocoanuts	-	7,227.50	-	7,743.75	16,275.00	8,400.00	7,725.00	-	47,371.25
Potatoes	3,451.42	36,762.20	5,282.88	7,018.24	-	-	24,517.39	36,309.00	113,341.13
Total	60,155.17	309,738.69	285,396.40	292,927.40	217,163.59	204,202.76	281,285.18	368,436.26	2,019,305.45

Citrus fruits arrived in large quantities from July until November. May, June and July were the months of largest banana shipments by boat. Receipts of potatoes by boat were confined mainly to the months of May, October and November.

The source of supply and value by months of fresh fruits and vegetables arriving by boat are shown in table 20 and summarized in table 19.

Table 19.- Summary of Monthly Value of Fresh Fruits and Vegetables Arriving in Montreal from Various Origins by Boat in 1937

Month	Quebec Province	Other Canadian provinces	U.S.A.	Other countries	Total
	$	$	$	$	$
April	-	-	-	60,155	60,155
May	-	34,881	-	274,858	309,739
June	3,790	1,493	-	280,113	285,396
July	1,843	-	-	291,085	292,928
August	-	-	-	217,163	217,163
September	-	-	-	204,203	204,203
October	2,068	24,871	-	254,346	281,285
November	-	36,309	-	332,127	368,436
Total	7,701	97,554	-	1,914,050	2,019,305

Only a very small percentage of the total boat arrivals originated in Quebec province although other Canadian provinces (mainly the Maritimes) shipped fresh produce valued at close to $100,000. The largest boat shipments arrived from the British West Indies and during the eight months of navigation, produce, chiefly bananas, valued at $1,108,000 was received in Montreal. Brazil was second with boat shipments worth $304,100 and Italy and South Africa, third and fourth, respectively with receipts valued at $249,600 and $160,400.

Table 20.- Source of Supply and Value by Months of Fresh Fruits and Vegetables Arriving at Montreal by Boat, 1937

Countries other than Canada	April	May	June	July	August	September	October	November	Total
	$	$	$	$	$	$	$	$	$
British West Indies	53,922.10	171,273.62	198,557.81	162,977.58	95,755.11	112,589.19	138,664.91	174,275.19	1,108,015.51
Italy	2,172.48	45,987.48	74,564.40	24,242.27	7,482.52	-	30,876.96	64,284.57	249,610.68
Spain	2,280.59	4,455.40	-	-	-	-	-	-	6,735.99
Egypt	1,080.00	9,756.72	3,531.92	-	-	-	-	-	14,368.64
Australia	-	42,575.35	-	-	-	-	9,000.00	-	51,575.35
South Africa	-	809.12	1,250.00	-	-	2,000.00	75,803.68	80,567.50	160,430.30
Brazil	-	-	-	103,864.31	113,925.96	86,318.94	-	-	304,109.21
Honduras	-	-	-	-	-	3,294.63	-	-	3,294.63
South America	-	-	2,209.39	-	-	-	-	-	2,209.39
Syria	-	-	-	-	-	-	-	13,000.00	13,000.00
Other	700.00	-	-	-	-	-	-	-	700.00
Total other countries	60,155.17	274,857.69	280,113.52	291,084.16	217,163.59	204,202.76	254,345.55	322,127.26	1,914,049.70
Canada									
Prince Edward Island	-	34,881.00	1,493.40	-	-	-	22,449.24	36,309.00	95,132.64
Ontario	-	-	-	-	-	-	2,422.24	-	2,422.24
Quebec	-	-	3,789.48	1,843.24	-	-	2,068.15	-	7,700.87
Grand Total	60,155.17	309,738.69	285,396.40	292,927.40	217,163.59	204,202.76	281,285.18	368,436.26	2,019,305.45

Receipts of Fresh Fruits and Vegetables by Rail

Total shipments by rail are shown for each month by commodity groups in table 21.

Table 21.- Monthly Value by Commodity Groups of Fresh Fruits and Vegetables Arriving by Freight and Express (Less than Carlot and Carlot) in Montreal during 1937

Month		Other fruits	Vegetables	Potatoes	Mixed fruits and vegetables	Total
	$	$	$	$	$	$
January	142,571	110,429	141,549	126,275	3,280	524,104
February	232,422	147,165	256,050	187,840	2,878	826,355
March	286,963	204,303	365,854	182,160	5,086	1,044,366
April	270,488	194,907	401,332	125,749	3,025	995,501
May	153,972	232,609	511,766	136,921	1,000	1,036,268
June	315,857	318,963	527,107	123,126	8,700	1,293,753
July	117,801	386,167	282,992	25,012	29,001	840,973
August	152,858	431,465	51,309	1,030	6,545	643,207
September	116,296	500,510	39,234	33,194	-	689,234
October	103,833	490,648	119,376	127,022	-	840,879
November	112,555	215,946	109,531	53,180	632	491,844
December	222,096	209,569	201,852	54,619	1,174	689,310
Total	2,227,712	3,442,681	3,007,952	1,176,128	61,321	9,915,794

Rail shipments totalled $9,915,800 or sixty per cent of the total arrivals of all fruits and vegetables in Montreal during 1937.

Shipments from the United States of America amounted to $5,583,400 or 56.3 per cent of the total arrivals by rail (table 22).

Table 22.- Summary of Monthly Value of Fresh Fruits and Vegetables Arriving in Montreal by Freight and Express from Various Origins, 1937

Month	Quebec province	Other Canadian provinces	U.S.A.	Other countries	Total
	$	$	$	$	$
January	22,290	168,704	257,151	75,959	524,104
February	26,916	233,527	358,782	207,130	826,355
March	11,150	259,298	520,505	253,413	1,044,366
April	5,716	166,994	595,500	227,291	995,501
May	23,182	125,163	597,864	290,059	1,036,268
June	10,087	180,853	981,200	121,613	1,293,753
July	25,585	223,732	540,977	50,679	840,973
August	15,676	105,351	447,091	75,089	643,207
September	1,235	368,514	289,268	30,217	689,234
October	2,068	481,226	329,089	28,496	840,879
November	2,112	190,282	276,922	22,528	491,844
December	1,596	165,208	389,102	133,404	689,310
Total	147,613	2,668,852	5,583,451	1,515,878	9,915,794

Receipts from Canadian provinces, other than Quebec, by rail were 26.9 per cent of total rail arrivals.

Receipts of Fresh Fruits and Vegetables by Less-than-Carlot

Of the fresh fruit and vegetable produce valued at $11,035,100 arriving by rail and boat in Montreal in 1937, $310,200 was received in less-than-carlot shipments (table 23). Fruits represented 58 per cent of the total value of less-than-carlot receipts, with Canadian provinces other than Quebec shipping the largest quantities. Vegetables valued at $128,600 were received, while potatoes received in this way totalled in value slightly more than $1,300. Monthly receipts were low in January and increased steadily until the peak of shipments valued at more than $80,200 was reached in July, after which time less-than-carlot receipts by rail and boat decreased until in November the receipts were valued at only $3,300.

Receipts of Fresh Fruits and Vegetables by Motor Trucks

As shown previously in table 7, motor trucks and horse-drawn vehicles transported produce to Montreal in 1937 valued at more than $4,696,000. Of this total, approximately $2,710,000 was vegetables, slightly more than $1,039,000 fruits, and $946,800, potatoes (Table 24).

Table 23.- Rail and Boat Less-than-Carlot Arrivals in Montreal of Fresh Fruits, Vegetables and Potatoes from Quebec, Other Provinces and Other Countries, by Wholesalers and Jobbers, 1937

Month	Fruits				Vegetables				Potatoes				Grand total
	Quebec Province	Other Canadian provinces	Other countries	Total	Quebec Province	Other Canadian provinces	Other countries	Total	Quebec Province	Other Canadian provinces	Other countries	Total	
	$	$	$	$	$	$	$	$	$	$	$	$	$
January	-	746.06	1,029.83	1,775.89	317.80	425.63	4,168.03	4,911.46	-	-	-	-	6,687.35
February	-	162.01	1,602.59	1,764.60	365.80	564.08	8,747.64	9,677.52	-	-	-	-	11,442.12
March	-	88.58	4,305.32	4,393.90	764.71	584.12	14,592.56	15,941.39	-	-	-	-	20,335.29
April	-	216.67	6,145.76	6,362.43	241.83	1,877.76	20,021.45	22,141.04	-	192.50	308.75	501.25	29,004.72
May	-	-	5,199.43	5,199.43	92.11	10,656.74	8,666.85	19,415.70	-	-	791.30	791.30	25,406.43
June	1,956.60	22,620.93	12,438.18	37,015.71	87.48	9,465.49	4,269.79	13,822.76	-	-	-	-	50,838.47
July	6,084.43	43,203.18	7,283.00	56,570.61	137.12	20,799.57	2,743.23	23,679.92	19.80	-	-	19.80	80,270.33
August	2,756.33	20,565.25	1,203.75	24,525.33	1,651.83	7,133.03	-	8,784.86	-	-	-	-	33,310.19
September	375.40	12,293.15	3,005.42	15,673.97	399.19	1,475.05	289.89	2,164.13	-	-	-	-	17,838.10
October	-	9,003.19	2,996.92	12,000.11	819.18	1,698.56	1,065.57	3,583.31	-	-	-	-	15,583.42
November	-	458.50	1,817.43	2,275.93	5.62	438.68	581.90	1,026.20	-	-	-	-	3,302.13
December	-	548.78	1,015.75	1,564.53	1,096.39	615.99	1,583.20	3,295.58	-	-	-	-	4,860.11
Mixed	10,791.91	431.37	-	11,223.28	128.75	-	-	128.75	-	-	-	-	11,352.03
Totals	21,964.67	110,337.67	48,043.38	180,345.72	6,107.81	55,734.70	66,730.11	128,572.62	19.80	192.50	1,100.05	1,312.35	310,230.69

Table 24.- Total Value of Motor Truck Receipts by Various Marketing Agencies of Fresh Fruits, Vegetables and Potatoes in Montreal, 1937

	Fruits	Vegetables	Potatoes	Total
	$	$	$	$
Received directly by:				
Wholesalers and jobbers	361,991	144,513	123,040	629,544
Chain stores	19,987	238,300	10,192	268,479
Hotels, institutions, restaurants, steamship and railway companies	32,533	133,089	40,123	205,749
Independent retail stores - at store door	85,975	153,319	44,091	283,385
- in country	31,446	27,127	4,899	63,468
Truckers, pedlars and others	56,216	36,799	143,785	236,800
Public markets	451,300	1,976,700	580,700	3,008,700
Total	1,039,448	2,709,847	946,830	4,696,125

Produce sold on the public markets of Montreal totalled $3,008,700 or 64 per cent of the total truck arrivals. Wholesalers and jobbers purchased fruits and vegetables valued at $629,500 arriving by truck while other agencies purchased smaller amounts.

Truck arrivals originated almost entirely in Quebec Province although a small proportion (3.2 per cent) originated in Ontario and New York State (Table 25). It may be, however, that some of the produce included in the Quebec purchases of independent retail stores, pedlars and truckers actually originated outside of Quebec Province but these agencies were not able to separate such items from their purchases of fresh fruits and vegetables grown in Quebec Province.

Table 25.- Value of Motor Truck Receipts from Quebec Province and Elsewhere of Fresh Fruits and Vegetables, by Various Marketing Agencies in Montreal, 1937

	Quebec Province	Other origin	Total
	$	$	$
Wholesalers and jobbers	479,314	150,230	629,544
Chain stores	268,479	-	268,479
Hotels, institutions, restaurants, steamship and railway companies	205,749	-	205,749
Independent retail stores	346,853	-	346,853
Truckers, pedlars and others	236,800	-	236,800
Public market	3,008,700	-	3,008,700
Total	4,545,895	150,230	4,696,125

Place of Individual Quebec Grown Products in Supplying Montreal's Total Requirements

Table 26.- Summary of Total Value and Percentage from Quebec Province of all Fresh Fruits, Vegetables and Potatoes Arriving in Montreal during 1937

	Total from Quebec Province	Total other origin	Grand total	Percentage by value	Percentage from Quebec Province
	$	$	$	%	%
Vegetables	2,721,166	3,087,828	5,808,994	34.9	46.8
Potatoes	1,055,209	1,181,090	2,236,299	13.5	47.2
Citrus fruits	-	3,214,160	3,214,160	19.3	-
Other fruits	924,834	4,236,828	5,161,662	31.0	17.9
Mixed	-	210,109	210,109	1.3	-
Total	4,701,209	11,930,015	16,631,224	100.0	28.3
Total (excluding citrus fruits and bananas)	4,701,209	7,569,268	12,270,477	-	38.3

Of the total value of all vegetables and potatoes received in Montreal, Quebec-grown produce represented approximately 47 per cent (Table 26). About eighteen per cent of all fruits (not including citrus

fruits) were produced in Quebec. Of the total sales of fresh fruits and vegetables in Montreal in 1937, Quebec produce represents about 28 per cent, but excluding citrus fruits and bananas, the Quebec proportion increased to about 38 per cent. The importance of individual Quebec-grown products by percentage of total receipts is shown in table 27.

Table 27.- Importance of Individual Quebec-Grown Fresh Fruits and Vegetables by Percentage of Total Receipts in Montreal 1937

Percentage Produced in Quebec Province					
0-19.9%	20-39.9%	40-59.9%	60-74.9%	75-89.9%	90-100%
Tomatoes	Lettuce	Shallots	Cauliflower		Brussel sprouts
Melon	Asparagus	Beans	Onions	Radishes	Corn
	Celery	Peas	Carrots	Cucumbers	Mushrooms
	Apples	Spinach	Cabbage		Parsnips
	Strawberries	Potatoes	Blueberries		Beets
					Rhubarb
					Turnips
					Raspberries

Table 28.- Total Value and Percentage from Quebec Province of Individual Commodities of All Fresh Fruits and Vegetables Arriving in Montreal during 1937

	Total from Quebec Province	Total other origin	Grand total	Percentage by value	Percentage from Quebec Prov.
	$	$	$	%	%
Asparagus	11,002	22,621	33,623	0.6	32.7
Beets	85,492	2,298	87,790	1.5	97.4
Beans (green)	81,468	86,912	168,380	2.9	48.4
Brussel sprouts	17,032	-	17,032	0.3	*100.0
Cabbage	154,261	99,395	253,656	4.4	60.8
Canteloupes and melons	21,319	126,531	147,850	2.6	14.4
Carrots	282,093	164,453	446,546	7.7	63.2
Cauliflower	184,627	63,930	248,557	4.3	74.3
Celery	126,704	292,459	419,163	7.2	30.2
Corn	210,218	-	210,218	3.6	*100.0

(continued)

Table 28.- Total Value and Percentage from Quebec Province of Individual Commodities of All Fresh Fruits and Vegetables Arriving in Montreal during 1939 (continued)

	Total from Quebec Province	Total other origin	Grand total	Percentage by value	Percentage from Quebec Prov.
	$	$	$	%	%
Cucumbers	142,010	39,383	181,393	3.1	78.3
Honey Dew	-	41,129	41,129	0.7	-
Lettuce	279,021	452,728	731,749	12.6	33.5
Mushrooms	74,562	-	74,562	1.3	*100.0
Onions	266,786	155,168	421,954	7.3	63.2
Parsnips	47,811	-	47,811	0.8	100.0
Peas	68,622	78,698	147,320	2.5	46.6
Peppers	-	1,013	1,013	-	-
Radishes	116,775	19,488	136,263	2.4	85.7
Rhubarb	32,443	713	33,156	0.6	*97.8
Shallots	14,323	11,456	25,779	0.4	55.6
Spinach	49,893	68,167	118,060	2.0	42.3
Sweet potatoes	-	19,755	19,755	0.3	-
Tomatoes	268,738	1,087,140	1,355,878	23.3	19.8
Turnips	128,523	3,525	132,048	2.3	97.3
Watermelon	-	50,340	50,340	.9	-
Mixed	57,443	200,526	257,969	4.4	22.3
Total	2,721,166	3,087,628	5,808,994	100.0	46.8
Potatoes	1,055,209	1,181,090	2,236,299	100.0	47.2
Grapefruit	-	335,935	335,935	10.5	-
Lemons	-	483,885	483,885	15.0	-
Oranges	-	2,196,345	2,196,345	68.3	-
Other and mixed	-	197,995	197,995	6.2	-
Total citrus	-	3,214,160	3,214,160	100.0	-
Apples	581,041	923,826	1,504,867	29.1	38.6
Apricots	-	5,037	5,037	0.1	-
Bananas	-	1,146,587	1,146,587	22.2	-
Cherries	(2)	121,191	121,191	2.4	-
Cranberries	(1)	38,586	38,586	0.7	-
Grapes	-	666,008	666,008	12.9	-
Peaches	-	241,608	241,608	4.7	-
Pears	(2)	285,268	285,268	5.5	-
Pineapples	-	79,434	79,434	1.5	-
Plums	(2)	105,864	105,864	2.0	-
Pomegranates	-	2,899	2,899	0.1	-
Prunes	-	15,780	15,780	0.3	-
Blueberries	38,529	17,407	55,936	1.1	68.8
Strawberries	177,620	302,651	480,271	9.3	36.9
Raspberries and others	127,644	13,047	140,691	2.8	90.7
Mixed fruit	-	271,635	271,635	5.3	-
Total fruits other than citrus	924,834	4,236,828	5,161,662	100.0	17.9
Mixed fruits and vegetables	-	210,109	210,109	-	-
Total	4,701,209	11,930,015	16,631,224	-	28.3

(1) Included under raspberries and others. (2) Included under apples.
*Some imports included under mxd. vegetables, or mxd. frts. and vegetables

Corn, rhubarb and beets are three important vegetables sold in Montreal which were produced almost exclusively within the Province. Approximately three-quarters of the cucumbers and cauliflowers were grown in Quebec but just slightly more than 60 per cent of the carrots, cabbages and onions. Only one-third of the lettuce and less than one-fifth by value of the tomatoes received in Montreal were produced within the Province but there are heavy importations of these two vegetables during the months when no local production is available. This tends to cloak the importance of Quebec-grown tomatoes and lettuce.

Part III

Analysis of Wholesale and Retail Fresh Fruit and Vegetable Marketing Agencies

Wholesale Marketing Agencies.- Information was obtained from 54 wholesalers and jobbers selling fresh fruit and vegetable produce in Montreal in 1937. These 54 firms (Table 29) include jobbers and buying brokers who deal with the larger wholesalers as well as buying small quantities direct from growers. The total sales of these 54 firms represent 97.2 per cent of all business transacted by wholesalers and jobbers of fresh fruits and vegetables in Montreal in 1937.

A record of purchases of carlots by month, origin and commodity was obtained from many of the wholesalers and these figures were used as a sample in working out the total value of rail arrivals. In addition to this, each company furnished a record of sales for the year showing the amount sold to each class of buyer.

Wholesalers and Jobbers.-

Purchases.- Wholesalers and jobbers of fresh fruits and vegetables in Montreal in 1937 purchased fresh fruits and vegetables valued at $12,564,643 (Table 30). Of this, fruits totalled over $7,908,000 or 62.9 per cent, vegetables $3,244,000 or 25.8 per cent and potatoes the remaining $1,412,000. On a basis of value, fresh fruits and vegetables from Quebec Province made up only 5.1 per cent of the total wholesalers' purchases.

Table 29.- Names of 54 Wholesalers and Jobbers Selling Fruits and Vegetables in Montreal in 1937 and From Whom Records Were Obtained

1. J.B. Auclair Ltd.
2. B.& B. Banana Co.
3. Berlet Fruit Co.
4. R. Blais
5. Bonsecours Market Fruit and Vegetables
6. Bronstein Brothers
7. Campbell Brothers
8. Canadian Banana Company
9. Canada British West Indies Co.
10. Charbonneau & Fils
11. J.R. Clogg & Co.
12. Courchesne & Larose
13. Nap. Couture
14. D. Covet & Co.
15. Crelinstein & Son
16. John F. Cuggy
17. Steve Dart
18. G. Donohue
19. Eastern Fruit Co.
20. Eastern Fruit & Poultry
21. Eliosoff & Botner
22. Foley & Anderson
23. Jos. Giroux
24. Adelard Hamel
25. D. Hushion
26. Intercontinental Milling Co.
27. La Coopérative des Jardiniers Maraichers de Quebec
28. Johnston Fruit Co.
29. Albert Julien
30. J.E. Landry
31. J.B. Laverdure
32. J.L. Ledoux & Sons
33. J.F. Lefebvre
34. Leonard Fruit & Vegetable Supply
35. John Lowther
36. A. Martin
37. Masson & Son
38. Meddleton & Co.
39. Mile End Fruit Exchange
40. Millers' Product Corporation
41. Normandin & Freres
42. Parent Goyer & Son
43. Paskin & Katz
44. Peterson Fruit Co.
45. Quenneville (Potato Distributors Ltd.)
46. J.V. Rivet (Potato Distributors Ltd.)
47. J. Ruffo
48. Sequin Frere
49. Standard Fruit & Steamship
50. J.B. Ste-Marie
51. Walter Stewart
52. Vipond Fruit Co.
53. Wexler Fruit Co.
54. Wolfe Fruit Co.

Table 30.- Total Purchases (Including the Amounts Handled on Commission) from Quebec Province and Elsewhere of Fruits, Vegetables and Potatoes, by Wholesalers and Jobbers in Montreal, 1937

Produce	From Quebec Province	Other origins	Total	Percent
	$	$	$	%
Fruit	247,377	7,661,097	7,908,474	62.9
Vegetables	155,832	3,087,828	3,243,660	25.8
Potatoes	231,419	1,181,090	1,412,509	11.3
Total	634,628	11,930,015	12,564,643	100.0
Per cent	5.1	94.9	100.0	

Sales.- Total sales of fresh fruits and vegetables by the 54 wholesalers and jobbers were valued at $13,591,511 (Table 31). This gave a gross profit of $1,026,868 or 8.17 per cent of total purchases.

Table 31.- Sales of Fresh Fruits and Vegetables by Montreal Wholesalers and Jobbers to Different Types of Buyers, 1937

Buyers	Total	Per cent
	$	%
Independent retailers	5,321,800	39.1
Chain stores	2,326,553	17.1
Country points outside Montreal	2,890,876	21.3
Export	36,937	0.3
Hotels, restaurants, institutions, railway and steamship lines	1,043,458	7.7
Pedlars	1,160,114	8.5
Truckers	245,805	1.7
Other buyers	565,968	4.2
Total	13,591,511	100.0

Independent retail stores purchased produce valued at $5,321,800 while 5 chain stores' purchases amounted to $2,326,553, or 17.1 per cent of

wholesalers' and jobbers' sales. Sales to country points amounted to $2,890,876, or 21.3 per cent of the total. Pedlars and truckers together purchased fresh fruits and vegetables valued at $1,405,919. Sales to other agencies are shown in table 31.

Banana Wholesalers.- Direct purchases of bananas by wholesalers in Montreal in 1937 totalled $1,146,590. This total is included in the total purchases by wholesalers but because of the importance of bananas as well as the availability of information it was decided to present a summary of the banana business in Montreal. Monthly arrivals by cars and stems are shown in table 32, together with the value of purchases by months during 1937. Fifty-five per cent of total yearly purchases arrived in Montreal during the four months May, June, July and August. Average number of stems per car and value per car are shown by months for the 1893 carloads sold in Montreal.

Table 32.- Quantity and Purchases of Bananas in Montreal, 1937

Month	Total cars	Total stems	Total purchases	Value per stem	Per cent stems by months	Per cent of value by months	Number of stems per car	Value per car
			$	¢	%	%		$
January	56	32,081	34,569.76	107.7	2.76	3.02	573	617.32
February	79	48,972	52,565.04	107.3	4.22	4.58	620	665.38
March	119	81,433	80,806.88	99.2	7.02	7.05	684	679.05
April	146	89,326	94,269.36	105.5	7.70	8.22	612	645.68
May	239	147,039	148,513.43	101.0	12.67	12.95	615	621.39
June	281	171,876	181,721.61	105.7	14.82	15.85	612	646.69
July	244	148,686	151,982.59	102.2	12.81	13.26	609	622.88
August	244	151,996	144,385.35	95.0	13.10	12.59	623	591.74
September	209	119,496	105,731.78	88.5	10.30	9.22	572	505.89
October	100	61,214	52,234.15	85.3	5.28	4.56	612	522.34
November	101	58,974	56,069.91	95.1	5.08	4.89	584	555.15
December	75	49,238	43,740.32	88.8	4.24	3.81	657	583.20
Total or average	1,893	1,160,331	1,146,590.18	98.8	100.00	100.00	613	605.70

Independent Retail Marketing Agencies

Table 33.- Distribution by Various Marketing Agencies of Total Wholesale Value (Cost to Retail Agency) of Fresh Fruits and Vegetables Received in Montreal in 1937

Marketing agencies	Wholesalers and jobbers	Growers and truckers on public markets	Growers direct to other retail agencies	Total
	$	$	$	$
Independent retail stores (including smaller chains)	5,321,800	1,652,681	346,853	7,321,334
Chain stores	2,326,553	-	268,479*	2,595,032
Hotels, restaurants institutions, railway and steamship companies	1,043,458	-	205,749*	1,249,207
Truckers and pedlars	1,405,919	4,473,487	236,800	2,116,206
Other Montreal buyers	565,968	167,848	-	733,816
Direct to consumers	-	984,327	-	984,327
Country buyers and export	2,927,813	-	-	2,927,813
Total	13,591,511	3,278,343	1,057,881	17,927,735

* Includes some purchases on public markets

The cost to retailers of the fresh fruits and vegetables which were received in Montreal is shown as approximately 18 million dollars (Table 33). Of this total, wholesalers' and jobbers' sales were $13,591,500. Growers' sales direct on public markets amounted to $3,008,700, while sales direct to other retail agencies were $1,057,800, and truckers' and pedlars' sales on public markets $269,600.

Independent Retail Stores

Purchases of fresh fruits and vegetables in Montreal in 1937 by approximately 2,400 independent retail stores, including chains with less than ten stores each, were $7,400,579.

Table 34.- Value of Purchases of Fresh Fruits and Vegetables by Independent Retail Stores (Including Chains With Less Than 10 Stores Each) in Montreal, 1937

Source of Supply	Value	Per cent
	$	%
Public markets	1,652,681	22.3
Growers at store door	283,385	3.8
Truckers at store door	59,557	0.8
Growers at farm	63,468	0.8
Wholesalers and jobbers	5,321,800	72.0
Other	19,688	0.3
Total	7,400,579	100.0

Of this total, 72 per cent, or produce valued at $5,321,800 was purchased from wholesalers and jobbers while fresh fruit and vegetable purchases from the public markets totalled $1,652,681. Purchases from growers and truckers at the store door and from growers at the farm made up most of the remaining purchases.

Table 35.- Value by Commodity Groups, of Fresh Fruits and Vegetables Purchased by Independent Retail Stores from Different Sources in Montreal, 1937

Source of supply	Quebec Grown				Grown outside of Quebec Prov.	Total
	Vegetables	Potatoes	Tree fruits	Small fruits		
	$	$	$	$	$	$
Public markets	1,148,943	232,202	129,240	142,296	-	1,652,681
Growers at store door	153,319	44,091	42,181	43,794	-	283,385
Truckers at store door	42,825	7,991	7,497	1,244	-	59,557
Growers at farm	27,123	4,899	23,495	7,951	-	63,468
Wholesalers and jobbers	135,890	44,839	60,956	14,248	5,065,867	5,321,800
Other	10,837	2,515	5,569	767	-	19,688
Total	1,518,937	336,537	268,938	210,300	5,065,867	7,400,579

Table 36.- Percentage of Value by Commodity Groups, of Fresh Fruits and Vegetables Purchased by Independent Retail Stores from Different Sources in Montreal, 1937

Source of supply	Quebec Grown				Grown outside of Quebec Prov.	Total
	Vegetables	Potatoes	Tree fruits	Small fruits		
Public markets	69.5	14.1	7.8	8.6	-	100.0
Growers at store door	54.0	15.6	14.9	15.5	-	100.0
Truckers at store door	71.9	13.4	12.6	2.1	-	100.0
Growers at farm	42.7	7.7	37.0	12.6	-	100.0
Wholesalers & jobbers	2.5	0.8	1.2	0.3	95.2	100.0
Other	55.0	12.8	28.3	3.9	-	100.0
	20.5	4.5	3.6	2.9	68.5	100.0
Public markets	75.6	69.0	48.0	67.7	-	22.3
Growers at store door	10.1	13.1	15.7	20.9	-	3.8
Truckers at store door	2.8	2.4	2.8	0.6	-	0.8
Growers at farm	1.8	1.5	8.7	3.8	-	0.8
Wholesalers & jobbers	9.0	13.3	22.7	6.8	100.0	72.0
Other	0.7	0.7	2.1	0.3	-	0.3
Total	100.0	100.0	100.0	100.0	100.0	100.0

Purchases by independent retail stores according to commodity groups from various sources of supply are shown by value in table 35 and on a percentage basis in table 36. Of the fresh fruit and vegetable produce purchased by retailers, 20.5 per cent was Quebec vegetables, 4.5 per cent Quebec potatoes, 6.5 per cent Quebec fruits and the remaining 68.5 per cent fresh fruits and vegetables grown outside of Quebec Province.

Table 37.- Value, by Commodity Groups, of Fresh Fruits and Vegetables Purchased by Independent Retail Stores in Montreal during Different Seasons of Year, 1937

Season	Quebec Grown				Grown outside Quebec Province	Total
	Vegetables	Potatoes	Tree fruits	Small fruits		
	$	$	$	$	$	$
January-March	189,867	30,793	45,047	5,257	1,544,076	1,815,040
April-June	348,444	61,149	21,676	49,736	1,008,108	1,489,113
July-September	658,459	161,538	81,004	131,690	731,511	1,764,202
October-December	322,167	83,057	121,211	23,617	1,782,172	2,332,224
Total	1,518,937	336,537	268,938	210,300	5,065,867	7,400,579

Table 38.- Percentage by Value by Commodity Groups of Fresh Fruits and Vegetables Purchased by Independent Retail Stores during Different Seasons of Year 1937

Season	Quebec Grown				Grown outside Quebec Province	Total
	Vegetables	Potatoes	Tree fruits	Small fruits		
	%	%	%	%	%	%
January-March	10.5	1.7	2.5	0.3	85.0	100.0
April-June	23.4	4.1	1.5	3.3	67.7	100.0
July-September	37.3	9.1	4.6	7.5	41.5	100.0
October-December	13.8	3.6	5.2	1.0	76.4	100.0
	20.5	4.5	3.6	2.9	68.5	100.0
January-March	12.5	9.1	16.7	2.5	30.5	24.5
April-June	22.9	18.2	8.1	23.6	19.9	20.1
July-September	43.4	48.0	30.1	62.6	14.4	23.9
October-December	21.2	24.7	45.1	11.3	35.2	31.5
Total	100.0	100.0	100.0	100.0	100.0	100.0

Seasonal purchases by value and percentage by value for each commodity group are shown in tables 37 and 38 respectively. Purchases of Quebec-grown vegetables, potatoes and small fruits were greatest in the

summer season of July to September while Quebec tree fruit purchases were highest during the late fall months of October to December. Purchases of imported produce were greatest in the late fall and winter seasons and during the six months from October to March, 65.7 per cent of imported purchases were made.

Table 39.-Average Annual Value of Purchases of Quebec Grown Vegetables, Potatoes, Tree Fruits and Small Fruits, and Imported Fruits and Vegetables by Different Types of Independent Retail Stores in Montreal, 1937 (Bases on Record of 694 Independent Retail Stores)

	Quebec Grown Produce				Other than Quebec produce	Total
	Vegetables	Potatoes	Tree fruits	Small fruits		
	$	$	$	$	$	$
Grocery stores	1,081	270	248	153	1,742	3,494
Grocery and butcher	1,500	342	260	169	1,944	4,215
Butcher	1,367	318	213	148	1,183	3,229
Fruit stands	2,848	414	497	418	6,437	10,614
Voluntary Chain	962	229	282	187	1,822	3,482
Grocery and restaurants	298	114	127	44	515	1,098
Average all stores	1,376	302	270	184	2,114	4,246

Of the 2,400 independent stores mentioned previously as purchasing fresh fruits and vegetables valued at more than $7,400,000 independent grocery stores and voluntary chains numbered 1,085, grocery and butcher stores 425, butcher shops 504, and combination restaurants and grocery stores 270. Fruit stands dealing almost entirely in fresh fruits and vegetables totalled 120. The average purchases of fresh fruits and vegetables varied from a high of $10,614 (Table 39) for fruit stands to slightly less than $1,100 for combination-grocery and restaurants. An average value of $4,246 per store was obtained from independent stores visited. [1]

1/ This average is somewhat higher than the average calculated from the figures obtained from the wholesalers and growers of their sales to retailers. This indicates that the sample of 694 independent retail stores from which information was obtained is not quite representative of all retail stores in Montreal as it appears to be weighted a little too heavily with stores having a large business in fresh fruits and vegetables.

Average Sales of Retail Stores by Districts

For the purpose of this study the City of Montreal was divided arbitrarily into the following five districts.

District 1.- East of Papineau Avenue, North of St. Lawrence River.
District 2.- West of Papineau Avenue, East of Park Avenue and North of St. Lawrence River and South of Mount Royal Avenue.
District 3.- West of Papineau Avenue, North of Mount Royal Avenue, Mount Royal Boulevard, southerly border of University of Montreal, Queen Mary Road and Cote St. Luc Road.
District 4.- West of Park Avenue, North of Lachine Canal and South of boundary of district No. 3.
District 5.- All Montreal area South of Lachine Canal.

The number of records secured from retailers in each district together with the average annual purchases of fresh fruits and vegetables is shown in table 40. Stores in District 1 had the highest annual average purchases of fresh fruits and vegetables amounting to $6,360. There were 18 large fruit stands located in this district with average purchases of $27,000 and 50 per cent of the stores had annual purchases of between $1,500 and $4,500. Stores in District 4 had the second highest average with 97 stores reporting purchases averaging $4,780 in spite of the fact that 63 per cent of the stores' purchases were less than $1,500. Ninety-four retail stores in District 3 averaged purchases of fresh fruits and vegetables of $4,314, while 162 stores in District 2 averaged purchases valued at $3,739. District 5, almost entirely a residential section, had the lowest average purchases per store, with 144 stores averaging purchases of $1,931. No retail store recorded in this district totalled annual fruits and vegetables purchases of over $9,000.

Table 40.- Comparison of Size of Total Fruit and Vegetable Purchases by Montreal Retailers in 1937

Value of purchases	DISTRICT I			DISTRICT II			DISTRICT III			DISTRICT IV			DISTRICT V		
	Average value of purchases	Retailers in each class	Percentage in each class	Average value of purchases	Retailers in each class	Percentage in each class	Average value of purchases	Retailers in each class	Percentage in each class	Average value of purchases	Retailers in each class	Percentage in each class	Average value of purchases	Retailers in each class	Percentage in each class
	$		%	$		%	$		%	$		%	$		%
0- 500	-	-	-	339	14	8.6	442	4	4.2	236	31	31.2	410	6	4.1
501- 1,000	833	9	4.6	753	29	18.0	741	5	5.3	724	21	21.6	810	35	24.3
1,001- 1,500	1,293	7	3.6	1,216	19	11.7	1,280	8	8.5	1,211	10	10.3	1,265	42	29.2
1,501- 2,000	1,814	20	10.3	1,860	18	11.1	1,780	9	9.6	1,788	7	7.2	1,699	26	18.0
2,001- 2,500	2,262	20	10.3	2,274	16	9.9	2,281	6	6.4	2,161	3	3.0	2,266	11	7.6
2,501- 3,000	2,768	15	7.7	2,798	6	3.7	2,783	8	8.5	2,700	5	5.1	2,810	6	4.1
3,001- 3,500	3,293	15	7.7	3,026	10	6.2	3,276	13	13.9	3,362	2	2.0	3,272	4	2.8
3,501- 4,000	3,775	13	6.7	3,742	4	2.5	3,776	7	7.4	3,666	3	3.0	3,659	4	2.8
4,001- 4,500	4,287	12	6.2	4,253	4	2.5	4,215	6	6.4	4,310	2	2.0	-	-	-
4,501- 5,000	4,810	5	2.6	4,771	3	1.8	4,733	6	6.4	4,600	1	1.0	4,650	3	2.0
5,001- 5,500	5,233	9	4.6	5,264	8	5.0	5,337	4	4.2	-	-	-	5,162	2	1.4
5,501- 6,000	5,797	8	4.1	5,750	1	0.6	5,675	4	4.2	5,885	1	1.0	5,800	2	1.4
6,001- 6,500	6,283	12	6.2	6,250	2	1.2	6,200	1	1.0	-	-	-	-	-	-
6,501- 7,000	6,757	7	3.6	6,697	4	2.5	6,800	2	2.1	-	-	-	-	-	-
7,001- 7,500	7,317	3	1.5	7,025	1	0.6	-	-	-	-	-	-	-	-	-
7,501- 8,000	7,833	3	1.5	7,775	1	0.6	7,832	2	2.1	7,550	1	1.0	7,700	1	0.7
8,001- 8,500	8,350	5	2.6	8,135	1	0.6	-	-	-	-	-	-	8,200	1	0.7
8,501- 9,000	8,800	4	2.0	-	-	-	9,000	1	1.0	-	-	-	8,700	1	0.7
9,001- 9,500	9,350	2	1.0	9,168	3	1.8	9,275	2	2.1	-	-	-	-	-	-
9,501-10,000	-	-	-	9,615	1	0.6	-	-	-	9,650	1	1.0	-	-	-
10,001-10,500	10,300	2	1.0	10,213	2	1.2	-	-	-	10,150	1	1.0	-	-	-
10,501-11,000	10,600	1	0.5	10,750	1	0.6	10,775	1	1.0	-	-	-	-	-	-
11,001-11,500	11,250	2	1.0	11,330	1	0.6	-	-	-	11,210	1	1.0	-	-	-
11,501-12,000	12,000	2	1.0	-	-	-	11,700	1	1.0	-	-	-	-	-	-
Over	27,028	18	9.7	16,215	13	8.1	21.425	4	4.2	45,898	7	7.6	-	-	-
Total	1,234,239	194	100.0	605,746	162	100.0	405,528	94	100.0	463,662	97	100.0	278,066	144	100.0
Average per store	6,362			3,739			4,314			4,780			1,831		

Chain Retail Stores

There were five chain stores operating more than 10 stores each in Greater Montreal, namely, Atlantic and Pacific Tea Co., Dominion Stores, Steinberg's Service Stores, Stop and Shop, and Thrift Stores. These firms had 218 branch stores in 1937. The total purchases by these 218 branches of fresh fruits and vegetables during 1937 were valued at $2,259,685 or an average of $10,365 per store (Table 41).

Table 41.- Value of all Purchases by Months of all Fresh Fruits and Vegetables by Five Chain Stores in Montreal, 1937.

Month	Purchases for resale in Montreal	Purchases for sale outside Montreal	Total purchases	Monthly index of total purchases
	$	$	$	
January	173,945	29,133	203,078	93.9
February	171,524	26,070	197,594	91.4
March	198,194	37,233	235,427	108.9
April	196,454	32,192	228,646	105.7
May	240,111	34,341	274,452	126.9
June	243,351	34,527	277,878	128.5
July	222,220	28,343	250,563	115.9
August	163,685	20,676	184,361	85.2
September	179,872	24,793	204,665	94.6
October	174,701	25,992	200,693	92.8
November	144,696	20,043	164,739	76.2
December	150,931	22,005	172,936	80.0
Total	2,259,684	335,348	2,595,032	100.0

Fresh fruit and vegetables were delivered either to the warehouse or directly to the branch stores but no differentiation has been made in the record of purchases. Two of these chain stores maintain stores in the country immediately adjacent to Montreal and buy fresh fruits and vegetables in Montreal for reshipment to outside points. Purchases of fresh fruits and vegetables were highest in June and May amounting

to $277,878 and $274,452 respectively. The monthly index shows the seasonal fluctuations of total purchases by value with November being only 76 per cent of average and June the high month at about 128 per cent. Total purchases of Quebec fruits and vegetables direct from growers totalled $268,479, approximately fifty per cent of which was purchased during the three months July, August and September (Table 42).

Table 42.- Value of Direct Purchases from Growers at Warehouse or Store Door by Months of Quebec Grown Fruits and Vegetables by Five Chain Stores* in Montreal, 1937

Month	Purchases for resale in Montreal	Purchases for sale outside Montreal	Total purchases in Montreal
	$	$	$
January	7,072	707	7,779
February	6,423	663	7,086
March	6,756	548	7,304
April	5,831	591	6,422
May	9,587	1,192	10,779
June	24,741	3,225	27,966
July	47,886	6,417	54,303
August	41,672	4,796	46,468
September	32,829	4,231	37,060
October	22,725	3,770	26,495
November	19,158	2,478	21,636
December	12,932	2,249	15,181
Total	237,612	30,867	268,479

* Great Atlantic and Pacific Tea Co.
Dominion Stores
Steinberg Service Stores
Thrift Stores
Stop and Shop Stores

Total value of fresh fruits and vegetables grown outside Quebec Province obtained from wholesalers and jobbers or directly from growers outside of the province was $2,326,553 of which $2,022,072 worth was for sale in Montreal Branch stores (Table 43). Purchases

in January of such fresh fruits and vegetables were valued at approximately $195,300, in February the value dropped slightly and increased to the monthly high of $263,673 in May, after which time there was a rapid drop to $137,893 in June. Value of purchases increased again in September and October and again fell off in the last two months of the year.

Table 43.- Value of Indirect Purchases from Wholesalers and Jobbers by Months of Fresh Fruits and Vegetables by Five Chain Grocery Stores in Montreal, 1937

Month	Purchases for resale in Montreal	Purchases for sale outside Montreal	Total purchases in Montreal
	$	$	$
January	166,873	28,426	195,299
February	165,101	25,407	190,508
March	191,438	36,685	228,123
April	190,623	31,601	222,224
May	230,524	33,149	263,673
June	218,610	31,302	249,912
July	174,334	21,926	196,260
August	122,013	15,880	137,893
September	147,043	20,562	167,605
October	151,976	22,222	174,198
November	125,538	17,565	143,103
December	137,999	19,756	157,755
Total	2,022,072	304,481	2,326,553

Of the total fruit and vegetable purchases by chain stores direct from growers in 1937 fresh vegetables represented a value of $238,301, potatoes $10,192 and apples and small fruits $19,985. Of the Quebec vegetable total, carrots (bunched and bagged) and lettuce were most important, being valued at $29,606 and $27,989 respectively. Tomatoes totalled $21,564 in value with August the high month of production. Information for all commodities purchased direct by chain stores is shown by months in table 44.

Table 44.- Direct Purchases from Growers of Different Kinds of Fresh Fruits and Vegetables by Months by Five Chain Stores in Montreal 1937

Commodity	January	February	March	April	May	June	July	August	September	October	November	December	Total
	$	$	$	$	$	$	$	$	$	$	$	$	$
Vegetables													
Asparagus, dozen	-	-	-	-	389.39	1,321.32	-	-	-	-	-	-	1,710.71
Artichokes	5.00	-	-	-	-	-	-	-	-	11.20	52.60	17.50	86.30
Beans	-	-	-	-	-	-	4,380.07	2,519.75	2,231.66	448.06	-	-	9,579.54
Beets, dozen	28.60	-	-	-	10.00	1,624.14	1,487.88	686.37	392.13	569.09	520.96	375.41	5,694.58
Beets, bags	218.87	102.62	30.32	11.24	-	-	-	-	329.49	215.60	385.53	286.35	1,580.02
Broccoli	-	-	-	-	-	34.43	170.74	99.02	208.51	375.96	288.05	1.00	1,177.71
Cabbage	695.51	253.25	90.65	.35	-	1,956.21	1,369.48	773.82	1,338.80	1,588.67	1,643.40	2,104.51	12,514.65
Carrots, dozen	437.40	144.00	-	-	-	323.32	2,476.10	1,523.67	2,103.80	1,857.06	2,433.70	2,152.61	13,451.66
Carrots, bags	3,352.28	2,870.40	2,378.67	1,853.32	219.70	-	-	16.00	208.75	880.12	1,735.30	2,640.20	16,154.74
Cauliflower, dozen	-	-	-	-	-	487.48	2,756.36	2,433.68	3,948.26	4,951.18	2,275.70	-	16,852.66
Celery, dozen	-	-	-	-	-	310.10	3,257.61	2,734.81	3,250.31	2,469.21	2,033.13	1,879.93	15,935.10
Citron, dozen	-	-	-	-	-	-	-	-	8.26	12.38	-	-	20.64
Corn, dozen	-	-	-	-	-	-	1,207.46	7,673.43	1,554.75	-	-	-	10,435.64
Cucumbers, dozen	-	-	-	-	-	1,383.57	3,905.19	705.28	443.96	128.47	-	-	6,566.47
Egg plants	-	-	-	-	-	-	55.72	188.16	185.58	80.78	-	-	510.24
Endive	-	-	-	-	-	-	-	-	-	-	-	25.10	25.10
Garlic	-	-	-	-	-	11.25	1.00	13.00	70.20	13.50	2.00	-	110.95
Kale	-	-	-	-	-	-	-	-	-	31.45	32.75	26.60	90.80
Leeks	99.64	95.17	97.46	27.60	4.80	-	-	10.15	78.07	97.62	148.07	180.52	839.10
Lettuce	-	-	12.50	6.00	1,686.43	8,165.77	8,035.56	6,928.96	2,942.49	170.95	40.63	-	27,989.29
Marrow, dozen	1.25	-	-	-	-	-	123.20	128.99	143.36	108.69	33.13	.60	539.22
Melons, dozen	-	-	-	-	-	-	-	262.07	162.11	5.00	-	-	429.18
Onions, dozen	340.15	290.95	455.90	85.80	189.59	782.85	1,190.41	1,034.59	872.20	618.32	387.27	145.68	6,393.71
Onions	522.00	385.70	430.70	676.20	514.25	-	-	266.53	3,046.68	2,129.19	2,010.95	1,112.00	11,094.20
Oyster plants	-	-	-	-	-	-	.50	1.00	10.50	.80	17.60	2.00	32.40
Parsley	7.50	4.50	34.12	106.30	446.27	354.84	280.43	196.38	212.12	295.06	265.91	100.45	2,303.88
Parsnips, dozen	-	-	-	-	-	3.00	-	56.17	194.44	212.60	261.00	-	727.21
Parsnips, bags	573.07	723.64	944.96	771.37	254.40	20.00	-	-	165.97	378.92	453.96	888.86	5,175.15
Peas, 20 pounds	-	-	-	-	-	935.32	3,527.20	25.75	-	-	-	-	4,488.27
Peppers, dozen	-	-	-	-	-	-	90.43	266.78	516.44	149.93	9.00	-	1,032.58
Potatoes, 80 pounds	-	-	-	-	387.80	90.00	4,669.07	3,228.82	1,575.82	201.50	15.00	24.30	10,192.31
Pumpkins, dozen	-	-	-	-	-	-	-	-	50.96	363.12	8.53	-	422.61
Radish, dozen	-	6.00	19.66	33.40	1,715.29	2,168.64	1,359.11	618.60	401.49	305.76	45.98	-	6,673.93
Rhubarb, dozen	-	-	-	35.40	2,201.86	1,247.18	223.20	44.24	6.27	-	-	-	3,758.15
Shallots, dozen	-	-	-	254.38	876.45	1,111.57	822.04	421.69	220.71	212.97	55.68	-	3,975.49
Spinach	-	-	-	-	211.00	2,500.97	721.88	145.10	723.22	1,609.33	92.53	-	6,004.03
Sprouts	-	-	-	-	-	-	-	76.07	418.07	1,558.95	1,795.28	743.70	4,592.07
Squash, dozen	-	-	-	-	-	-	1.00	143.03	212.30	198.14	111.06	60.59	726.12
Savory, thyme	-	-	-	-	-	-	-	-	12.18	5.25	2.20	.80	20.43
Gherkin	-	-	-	-	-	-	-	-	35.20	4.90	-	-	40.10
Tomatoes, red	-	-	-	-	-	-	1,035.95	8,308.49	4,335.20	1,707.71	-	-	15,387.35
Tomatoes, rose	-	-	-	-	-	-	18.45	1,493.29	1,939.73	991.50	-	-	4,442.97
Tomatoes, H.H.	10.00	-	-	-	-	-	-	.30	96.55	953.30	635.14	39.00	1,734.29
Turnips, dozen	-	-	-	-	16.20	419.90	558.88	297.80	184.23	-	-	-	1,477.01
Turnips, bags	1,618.87	1,961.47	2,329.57	2,296.23	1,655.90	55.35	-	30.00	568.88	1,364.23	1,778.68	2,121.87	15,781.05
Other	-	-	-	19.00	-	-	37.75	52.25	85.35	13.70	16.00	-	224.05
Fruits													
Apples	11.25	106.25	480.12	246.00	-	-	2.50	777.53	1,330.75	864.62	201.50	251.00	4,271.52
Blueberries	-	-	-	-	-	-	1,155.27	1,421.50	232.05	-	-	-	2,808.82
Raspberries	-	-	-	-	-	61.56	7,695.51	862.80	-	-	-	-	8,619.87
Strawberries	-	-	-	-	-	2,602.53	1,682.63	-	-	-	-	-	4,285.16
Total	7,921.39	6,943.95	7,304.63	6,422.59	10,779.33	27,971.30	54,298.58	46,465.87	37,047.80	28,154.79	19,988.22	15,180.58	268,479.03
Summary													
Vegetables	7,910.14	6,837.70	6,824.51	6,176.59	10,391.53	25,217.21	39,093.60	40,175.22	33,909.18	27,088.67	19,771.72	14,905.28	238,301.35
Potatoes	-	-	-	-	387.80	90.00	4,669.07	3,228.82	1,575.82	201.50	15.00	24.30	10,192.31
Total	7,910.14	6,837.70	6,824.51	6,176.59	10,779.33	25,307.21	43,762.67	43,404.04	35,485.00	27,290.17	19,786.72	14,929.58	248,493.66
Apples	11.25	106.25	480.12	246.00	-	-	2.50	777.53	1,330.75	864.62	201.50	251.00	4,271.52
Small fruits	-	-	-	-	-	2,664.09	10,533.41	2,284.30	232.05	-	-	-	15,713.85
Total	11.25	106.25	480.12	246.00	-	2,664.09	10,535.91	3,061.83	1,562.80	864.62	201.50	251.00	19,985.37

Truckers and Pedlars

Truckers and pedlars operating in Montreal in 1937 purchased fresh fruit and vegetables valued at $2,116,206 (Table 45.)

Table 45.- Purchases of Truckers and Pedlars Selling Fresh Fruits and Vegetables in Montreal, 1937

Origin of Supply	Value	Percentage of value
	$	%
Direct purchases from growers at the farm	236,800	11.2
Direct purchases from growers at public markets	473,487	22.4
Wholesalers and jobbers	1,405,919	66.4
Total purchases	2,116,206	100.0

This total included purchases in the country totalling $236,800, purchases on public markets $473,487 and purchases from wholesalers and jobbers $1,405,919. This group of retail dealers included those truckers buying at the farm and selling on the public markets and also those buying at the markets and selling to country buyers. Several large pedlars, included in this group, purchased large quantities of fresh fruits and vegetables for redistribution to smaller pedlars.

An estimate of total sales of truckers and pedlars showed fresh fruit and vegetable produce valued at $2,539,000 sold to all types of buyers (Table 46).

Table 46.- Sales of Truckers and Pedlars Selling Fruits and Vegetables in Montreal, 1937

Type of buyer or method of sale	Value of sales	Percentage of sales
	$	%
Consumers direct	1,915,237	75.4
Public markets - retail stores	158,963	6.3
- other	110,680	4.4
Independent retail stores direct	59,557	2.3
Country sales - Ontario	120,085	4.7
- Quebec	148,925	5.9
Other sales	26,000	1.0
Total	2,539,447	100.0

Three-quarters of the sales of truckers and pedlars were direct to consumers. Country sales were about 11 per cent of the total of which about 6 per cent were sales to places in Quebec and about 5 per cent to country buyers in Ontario. About 11 per cent was sold on public markets in Montreal while the remainder was sold direct to independent retail stores and other buyers.

Hotels, Restaurants, Hospitals and Institutions, Railway and Steamship Companies

Purchases of fresh fruits and vegetables totalling almost one and one quarter million dollars were made by restaurants, hotels, hospitals, institutions, and railway and steamship companies in 1937 (Table 47).

Table 47.- Value of Direct and Indirect Purchases of Fresh Fruits and Vegetables by Restaurants, Hotels, Hospitals, Railway and Steamship Companies in Montreal, 1937

	Vegetables	Potatoes	Fruits	Total
	$	$	$	$
Indirect Purchases (from sources other than growers)	109,587	95,888	88,519	293,994
Hotels and large restaurants	114,840	1,416	88,962	205,218
Hospitals and institutions	153,850	8,576	179,162	341,588
Railway and steamship cos.	88,099	34,732	79,827	202,658
	466,376	140,612	436,470	1,043,458
Direct Purchases (from growers)				
Restuarants	87,231	37,877	31,670	156,778
Hotels and large restuarants	4,192	1,888	568	6,648
Hospitals and institutions	40,994	-	-	40,994
Railway and steamship cos.	676	358	295	1,329
	133,093	40,123	32,533	205,749
Total Purchases	599,469	180,735	469,003	1,249,207

Of this, total purchases amounting in value to almost $600,000 were vegetables, $469,000 represented purchases of fruits and the remaining purchases valued at $180,735 were for potatoes. Only a very small quantity of fresh fruits and vegetables were purchased direct from growers by the hotels, large restaurants, or by the railway and steamship companies. Purchases by restaurants from growers direct of fresh fruits and vegetables amounted to over $156,000 or about 35 per cent of their total purchases.

Public Markets of Montreal

Table 48.- Value of Sales by Growers and Truckers of Fresh Fruits and Vegetables on Public Markets of Montreal in 1937

Type of Sale	Value	Percentage
	$	%
Sales by growers to:		
Independent retail stores	1,493,618	49.7
Truckers and pedlars	473,487	15.7
Consumers	984,327	32.7
Other buyers	57,268	1.9
Total growers' sales	3,008,700	100.0
Sales by trucker-pedlars to:		
Independent retail stores	158,963	59.0
Others	110,680	41.0
Total trucker-pedlars' sales	269,643	100.0
Total all sales	3,278,343	-

Of the total sales of fresh fruits and vegetables by growers on the public markets in Montreal in 1937, produce valued at $1,493,618 or approximately half of the total was sold to independent retail stores. Sales direct to consumers amounted to $984,327 or 33 per cent, while sales to truckers and pedlars totalled $473,487. Sales by trucker-pedlars on the public market totalled $269,643, almost 60 per cent of which were to independent retail stores.

Sales to Points Outside of Montreal

Fresh fruit and vegetable sales valued at $3,432,171 were shipped to points outside of Montreal by different marketing agencies in 1937. (Table 40). Of this total, detailed information by actual destinations

is shown for the credit sales of 54 wholesalers and jobbers amounting to $2,511,765 (Table 50).

Table 49.- Sales to points outside of Montreal by all Marketing Agencies Shipping Fresh Fruits and Vegetables from Montreal in 1937

Marketing Agency	Value of Sales	Percentage of value
	$	%
Wholesalers and jobbers credit sales	2,511,765	71.1
Wholesalers and jobbers cash sales	416,048	11.8
Chain Store Purchases for country sale	335,348	9.5
Truckers' and pedlars sale in country	269,010	7.6
Total	3,532,171	100.0

Table 50.- Credit Sales of Fresh Fruits and Vegetables to Points Outside of Montreal by Wholesalers and Jobbers Selling in Montreal, 1937

Destination	Value
	$
Quebec, Que.	455,784.62
Three Rivers, Que.	232,493.23
Sherbrooke, Que.	146,535.93
Ottawa, Ont.	107,327.93
Amos, Que.	97,728.38
Toronto, Ont.	64,467.97
Shawinigan, Que.	58,883.25
St. Hyacinthe, Que.	52,384.56
Drummondville, Que.	46,110.76
Victoriaville, Que.	41,048.40
Cornwall, Ont.	40,593.97
St. Jerome, Que.	39,896.49
Valleyfield, Que.	38,494.96
Grand'Mere, Que.	35,020.10
St. Johns, Que.	28,484.63
Granby, Que.	20,033.22

Table 50.- Credit Sales of Fresh Fruits and Vegetables to Points Outside of Montreal by Wholesalers and Jobbers Selling in Montreal, 1937 (Continued)

Destination	Value
	$
Mont-Joli, Que.	16,590.34
Lachine, Que.	14,950.28
Sorel, Que.	14,452.67
Beloeil, Que.	12,970.06
Beauharnois, Que.	12,363.43
Ste. Anne de Bellevue, Que.	11,083.59
Thetford Mines, Que.	10,232.56
Fredericton, N.B.	11,154.81
St. John, N.B.	9,653.80
North Bay, Ont.	8,883.21
Megantic, Que.	8,507.50
Montebello, Que.	7,655.85
Brockville, Ont.	7,295.46
Riviere du Loup, Que.	7,250.02
Lachute, Que.	7,004.86
Ste. Therese de Blainville, Que.	6,965.89
La Tuque, Que.	6,918.54
Sydney, N.S.	6,433.18
Chicoutimi, Que.	6,405.67
St. Lambert, Que.	6,389.70
Coaticook, Que.	6,239.51
Roberval, Que.	5,716.52
Charlottetown, P.E.I.	5,634.02
Berthierville, Que.	5,494.25
Joliette, Que.	4,977.50
Hawkesbury, Ont.	4,973.50
Kenogami, Que.	4,733.49
Jonquieres, Que.	4,592.13
Abord a Plouffe, Que.	4,346.43
Sudbury, Ont.	4,334.99
Val d'Or, Que.	4,280.02
Chateauguay, Que.	4,277.53
Riverbend, Que.	3,356.93
Dolbeau, Que.	3,311.80
Kirkland Lake, Ont.	3,259.54
Mariorville, Que.	3,152.84
Halifax, N.S.	3,117.49
Cowansville, Que.	3,079.98
Bedford, Que.	3,016.40
Rawdon, Que.	2,963.75
Noranda, Que.	2,789.11

Table 50.- Credit Sales of Fresh Fruits and Vegetables to Points Outside of Montreal by Wholesalers and Jobbers Selling in Montreal, 1937 (Concluded)

Destination	Value
	$
St. Lin, Que.	2,757.06
Farnham, Que.	2,739.96
Richmond, Que.	2,667.62
Mont-Laurier, Que.	2,537.50
61 cities	1,796,699.69
246 other country points	671,066.28
Total sales to 307 points in Canada outside of Montreal	2,467,765.97
Total exports to points outside of Canada	43,999.27
Total all sales outside of Montreal	2,511,765.24

Table 51.- Credit Sales of Fresh Fruit and Vegetables to Different Provinces and Countries by Wholesalers and Jobbers in Montreal, 1937

Provinces	Sales to all cities and towns (307)	Sales to 61 cities and towns receiving more than $2,500	Sales to 246 villages receiving less than $2,500
	$	$	$
Quebec	2,022,470.74	1,518,939.90	503,530.84
Ontario	344,037.86	241,766.57	102,271.29
New Brunswick	56,138.65	20,808.61	35,330.04
Nova Scotia	29,421.20	9,550.59	19,870.61
Prince Edward Island	11,138.89	5,634.02	5,504.87
Manitoba	2,356.60	-	2,356.60
Saskatchewan	1,957.81	-	1,957.81
British Columbia	244.22	-	244.22
Total	2,467,765.97	1,796,699.69	671,066.28

Sales to Quebec City totalled more than $455,000. Sales to Three Rivers and Sherbrooke amounted to $232,493 and $146,535, respectively. Quebec Province received more than $2,022,000 worth of the country shipments of Montreal wholesalers and jobbers while Ontario was next in importance, receiving produce worth $344,037.

Table 52.- Credit Sales of Fresh Fruits and Vegetables to Countries Outside of Canada by Wholesalers and Jobbers in Montreal 1937

Country	Value of Sales
	$
Newfoundland	10,761.06
British West Indies	21,436.97
England	2,671.68
United States	9,129.56
Total	43,999.27

Shipments to countries outside Canada are shown in table 52.

PART IV

Marketing of Fruits and Vegetables by Growers in Montreal

In order to obtain information from growers interested in Montreal as a market for their crops, two separate records were obtained. First a general questionnaire was submitted to growers on the public markets of Montreal and to growers in the area surrounding Montreal, and 967 complete records were obtained. These growers furnished the following information on their own business for 1937:

Total shipments and value

Percentage of each class of produce

Total acreage in fruits, vegetables and potatoes

Bridge and road used going to market

Opinions with reference to Montreal Markets

Miscellaneous information

Additional information was obtained from 421 of these growers by visiting them at their farms and securing the volume and value of individual commodities marketed in Montreal.

In both cases, the records were obtained at random and taken to be a representative sample of growers selling on public markets. Origin by counties, of growers completing the card questionnaire, is as follows, with the number completing the detailed questionnaire shown in parentheses. Laval 378 (121), Jacques Cartier 190 (78), Deux Montagnes 75(29), Terrebonne 29 (20), L'Assomption 20 (19), Napierville 110 (77), Laprairie 51 (20), Chateauguay 35 (6), Chambly 10 (6), Rouville 50 (10). Others 13.

Public Market Sales by Growers

The total value of growers' sales of Quebec-grown fruits and vegetables on different Montreal public markets (not including Lachine Public Market) in 1937 was $3,008,700. Growers selling on Bonsecours Market sold fresh fruits and vegetables valued at $1,680,700 which represented more than half of the total sales on all markets (Table 53). Jean Talon, Maisonneuve and Atwater Markets were of equal importance, each one receiving approximately 12 per cent of total business.

Table 53.- Total Value of Growers' Sales of Quebec-grown Fruits and Vegetables on Different Montreal Public Markets in 1937*

Markets	Total Value	Percentage
	$	%
Bonsecours	1,680,700	55.9
Jean Talon	380,900	12.6
Maisonneuve	346,400	11.5
Atwater	337,900	11.2
St. Jean Baptiste	146,100	4.9
St. James and St. Lawrence	116,700	3.9
Total	3,008,700	100.0

* Based on public markets records and records obtained from 967 growers.

Table 54.- Total Value of Growers' Sales of Fruits and Vegetables on Public Markets in Montreal by Commodity Groups, 1937.

	Total Value	Percentage
	$	%
Vegetables	1,976,700	65.7
Potatoes	580,700	19.3
Tree fruits	337,000	11.2
Small fruits	114,300	3.8
Total	3,008,700	100.0

Vegetables accounted for approximately 66 per cent of the total sales on public markets (Table 54). The larger part of these vegetables were grown in Laval and Jacques Cartier counties. Potatoes totalled nearly 20 per cent, mainly from Laval and Napierville counties, while tree fruits and small fruits accounted for 15 per cent, mostly from Rouville and Deux Montagnes districts (Table 56).

Table 55.- Total Acres and Value of Sales per Acre of Growers Selling Fruits, Vegetables and Potatoes on Public Markets in Montreal 1937

	Total Value	Acreage	Value per acre
	$		$
Vegetables	1,976,700	17,578	111.90
Potatoes	580,700	8,212	70.62
Tree fruits	337,000	4,306	78.28
Small fruits	114,300	690	165.65
Total	3,008,700	30,786	97.73

The value per acre for small fruits namely, $165.65 exceeded that for vegetables which was $111.90 (Table 55). The average value of an acre of potatoes was $70.62 while tree fruits were worth $78.28 per acre. The small acreage shown for small fruits is because only a small proportion of the crop was sold on the public markets.

Table 56 gives in detail for each county the value, acreage and value per acre for the commodity groups mentioned above.

Table 56.- Value of Sales, Acreage and Value Per Acre of Fruits, Vegetables and Potatoes Sold by Growers From Different Counties on Montreal Public Markets in 1937.

County	Value	Acreage	Value per acre	Value	Acreage	Value per acre
	$	Acres	$	$	Acres	$
	Vegetables			Potatoes		
Laval	1,120,800	9,350	119.87	242,700	3,046	79.86
Jacques Cartier	494,200	4,397	112.39	38,300	444	86.26
Napierville	39,500	581	68.00	206,100	3,403	60.56
Rouville	2,000	16	125.00	1,200	17	70.59
Deux Montagnes	77,100	754	102.25	14,500	173	83.81
Laprairie	75,100	732	102.60	41,800	570	73.33
Terrebonne	77,100	851	90.60	9,900	154	64.29
Chambly	61,300	396	154.80	600	6	100.00
Chateauguay	9,900	243	-	15,700	270	-
L'Assomption	13,800	178	77.50	8,700	107	81.31
Other	5,900	80	73.75	1,200	22	54.54
Total	1,976,700	17,578	111.90	580,700	8,212	70.62
	Tree Fruits			Small Fruits		
Laval	5,700	72	79.20	14,600	101	144.55
Jacques Cartier	25,900	188	137.96	17,600	85	207.05
Napierville	12,300	238	53.78	9,700	80	121.25
Rouville	198,200	2,828	70.08	3,200	17	188.23
Deux Montagnes	67,100	672	99.85	35,800	215	166.50
Laprairie	7,700	74	104.05	6,100	36	169.44
Terrebonne	700	8	96.25	10,100	61	165.57
Chambly	-	-	-	100	2	-
Chateauguay	16,200	180	90.00	6,500	48	135.41
L'Assomption	300	3	100.00	9,800	38	257.89
Other	2,400	43	55.81	800	7	114.28
Total	337,000	4,306	78.28	114,300	690	165.65
	All Produce					
Laval	1,383,800	12,569	110.10			
Jacques Cartier	576,000	5,114	112.63			
Napierville	268,100	4,302	62.32			
Rouville	204,600	2,878	71.09			
Deux Montagnes	194,500	1,814	107.22			
Laprairie	130,700	1,412	92.56			
Terrebonne	97,800	1,074	91.06			
Chambly	62,000	404	153.46			
Chateauguay	48,300	741	-			
L'Assomption	32,600	325	100.30			
Other	10,300	152	67.76			
Total	3,008,700	30,785	97.73			

Value of Individual Grower's Sales

The average value of the sales of fresh fruits and vegetables of 925 growers selling in Montreal in 1937 was $1,792. Some of these growers did not sell on the public markets. A comparison of the size of total annual sales per grower is shown in table 57.

Table 57.- Comparison of Size of Total Annual Sales of Fresh Fruits and Vegetables in Montreal by Growers in 1937

Sales per grower	Number of growers	Average value	Percentage of growers in each class
		$	%
Less than $ 500	176	323	19.0
$ 501 - $1,000	217	862	23.5
$1,001 - $1,500	151	1,339	16.3
$1,501 - $2,000	123	1,919	13.3
$2,001 - $2,500	82	2,413	8.9
$2,501 - $3,000	64	2,913	6.9
$3,001 - $3,500	22	3,391	2.4
$3,501 - $4,000	26	3,976	2.8
$4,001 - $4,500	13	4,432	1.4
$4,501 - $5,000	16	5,000	1.7
Over $5,000	35	7,868	3.8
Total	925	1,792	100.0

One hundred and seventy-six growers or 19 per cent of all growers sold less than $500 worth of produce. Almost one-quarter of the growers sold produce valued between $500 and $1,000, with an average value of $862 per grower. Thirty-five growers sold fresh fruits and vegetables valued at more than $5,000 with an average of $7,868 per grower.

Table 58.- Comparison of size of Vegetable Sales in Montreal by Growers in 1937

Sales per grower	Number of growers	Average value	Percentage of growers in each class
		$	%
Less than $ 500	209	250	26.5
$ 501 - $1,000	165	760	20.9
$1,001 - $1,500	135	1,206	17.1
$1,501 - $2,000	87	1,792	11.0
$2,001 - $2,500	59	2,301	7.5
$2,501 - $3,000	50	2,672	6.3
$3,001 - $3,500	22	3,326	2.8
$3,501 - $4,000	17	3,846	2.2
$4,001 - $4,500	10	4,293	1.3
$4,501 - $5,000	10	4,884	1.3
$5,001 and over	24	7,238	3.1
Total	788	1,498	100.0

Of the 925 growers selling in Montreal from whom records were obtained, 788 sold fresh vegetables with an average value of $1,498 per grower (Table 58). More than two hundred of these sold fresh vegetables valued at less than $500.

Sales of fresh fruits and vegetables on the Bonsecours Market were made by 791 of the 925 growers selling in Montreal. These growers' sales on the Bonsecours Market averaged $1,637 (Table 59).

Table 59.- Comparison of Size of Total Annual Sales of Fresh Fruits and Vegetables on the Bonsecours Market by Growers in 1937

Sales per grower	Number of growers	Average value	Percentage of growers in each class
		$	%
Less than $ 500	170	309	21.5
$ 501 - $1,000	192	801	24.3
$1,001 - $1,500	119	1,335	15.0
$1,501 - $2,000	105	1,867	13.3
$2,001 - $2,500	59	2,435	7.5
$2,501 - $3,000	62	2,972	7.8
$3,001 - $3,500	18	3,418	2.3
$3,501 - $4,000	19	3,916	2.4
$4,001 - $4,500	17	4,411	2.1
$4,501 - $5,000	10	5,000	1.3
Over $5,000	20	7,263	2.5
Total	791	1,637	100.0

Bridges Used by Growers

Table 60.- Percentage of Growers' Loads of Market Produce Coming to Montreal Over Various Bridges in 1937

Bridge	Percentage by loads	Main counties using different bridges
	%	
No bridge (residents of Island of Montreal)	32.7	Jacques Cartier, Laval.
Cartierville	27.2	Laval, Deux Montagnes, Terrebonne.
Viau	16.5	Laval, Deux Montagnes, Terrebonne.
Victoria	13.2	Napierville, Laprairie, Rouville, Chambly.
Honore Mercier	3.4	Napierville, Laprairie, Chateauguay.
Isle Bizard	2.5	Jacques Cartier.
Jacques Cartier	2.0	Rouville, Chambly.
Bout de L'Ile	1.3	L'Assomption.
Pie IX	1.2	Laval.
	100.0	

Approximately one-third of the loads brought to the Montreal markets were from growers residing on the Island of Montreal. Cartierville Bridge was used most extensively and loads trucked over this bridge included produce from Deux Montagnes and Terrebonne as well as from Jesus Island. Viau Bridge serving the same counties was next in importance with 16.5 per cent of the total number of loads coming via this route. Loads which came over Victoria Bridge from the counties of Napierville, Laprairie, Rouville and Chambly constituted 13.2 per cent of the total sample (Table 60).

Streets Used by Growers

In an effort to determine what routes growers used most extensively coming to market in Montreal, each grower was asked to state what streets he used in 1937. Because of the widely separated locations of the different markets, very little uniformity of routes was apparent. It was found however that approximately one-third of the loads which were sold on the markets in 1937 passed over a portion of the St. Lawrence Boulevard (Table 61). This route was used by growers of Jacques Cartier, Laval, Terrebonne and Deux Montagnes counties. Next in importance was Commissioner Street with 13 per cent of the total loads. Growers from the southern counties of Napierville, Laprairie and Rouville reached the market via this route. Importance of other routes is shown by figures in table 61.

Table 61.- Percentage of Growers' Loads of Market Produce Coming to Montreal Public Markets by Different Routes 1937*

Route	Percentage
St. Lawrence Boulevard	31
Decarie Boulevard - St. James Street	2
Cote des Neiges	3
Commissioner Street	13
Delorimier Street	4
St. Hubert Street	9
Lajeunesse - St. Denis Street	7
Other streets	31
Total	100.0

* Based on records of 967 Quebec growers.

Vehicles Used By Growers

Of the 967 growers from whom records were obtained, 485 used a $1\frac{1}{2}$ ton truck and averaged 15.8 miles from farm to market (Table 62). One hundred and eighty-nine growers preferred the 1 ton truck for a slightly longer average haul of 18 miles while 65 growers used a 2 ton truck and only 46 growers used horse drawn vehicles and they averaged 14.5 and 19.5 miles respectively for the one-horse and two-horse wagons. The average distance of the 967 growers' farms to Montreal was 17.9 miles.

Table 62.- Number of Vehicles of Different Types and Average Mileage Travelled by 967 Quebec Growers Selling Fresh Fruits and Vegetables in Montreal 1937

Vehicle	Number of growers using vehicles	Average mileage
½ ton truck	19	23.3
1 ton truck	189	18.0
1½ ton truck	485	15.8
2 ton truck	65	16.4
Larger than 2 tons	2	37.5
More than one truck	10	14.2
One-horse wagon	40	14.5
Two-horse wagon	6	19.5
Motor car	22	19.9
Motor car and trailer	9	13.7
Hired truck	71	25.6
Others	49	-
Total or average	967	17.9

Number of Loads and Value Per Load by Counties

Table 63 shows that for 66,741 loads of fresh fruits and vegetables transported by different types of vehicles to Montreal by 967 Quebec growers in 1937, the average value per load was $25.00.

Table 63.- Number of Loads and Value Per Load of Fresh Fruits and Vegetables Transported by Different Types of Vehicles to Montreal by 967 Quebec Growers in 1937

Type of Vehicle	Number of loads	Percent of loads	Average value per load
	Number	%	$
½ ton truck	941	1.4	21.40
1 ton truck	11,703	17.6	23.60
1½ ton truck	40,118	60.1	25.70
2 ton truck	5,831	8.7	28.00
Larger than 2 tons	90	.1	132.80
More than one truck	2,149	3.2	28.50
One-horse wagon	1,849	2.8	23.50
Two-horse wagon	329	.5	19.10
Motor car	894	1.3	16.90
Motor car and trailer	462	.7	17.30
Hired truck	2,375	3.6	17.10
Total or average	66,741	100.0	25.00

The 1½ ton trucks accounted for 60 per cent of the total loads with an average value per load of $25.70. The average value per load for other types of vehicles varied from $17.10 to $132.80.

Detailed figures are given in tables 64, 65, and 66 respectively as to average mileage, tonnage and load value for each type of vehicles recorded for different counties around Montreal.

Table 64.- Distribution by Counties and Types of Vehicles used by 967 Quebec Growers Who Brought Fresh Fruits and Vegetables to Montreal in 1937

Vehicle	Laval	Jacques Cartier	Deux Montagnes	Terrebonne	L'Assomption	Napierville	Laprairie	Chateauguay	Chambly	Rouville	Other	Total
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
½ ton truck	3	4	7	-	2	1	-	1	-	-	1	19
1 ton truck	74	46	16	9	3	17	12	4	2	4	2	189
1½ ton truck	245	103	28	16	6	43	23	5	6	5	5	485
2 ton truck	27	13	5	-	-	9	4	5	-	2	-	65
Larger than 2 tons	-	-	-	-	-	-	-	1	-	1	-	2
More than one truck	5	2	1	-	-	1	-	-	1	-	-	10
One-horse wagon	16	11	5	-	2	1	3	-	1	1	-	40
Two-horse wagon	1	2	1	1	-	-	1	-	-	-	-	6
Motor car	-	4	1	1	3	1	3	6	-	2	1	22
Motor car and trailer	2	2	-	-	1	-	1	1	-	1	1	9
Hired truck	2	1	5	2	-	35	10	11	-	2	3	71
Others	3	2	6	-	3	2	-	1	-	32	-	49
Total	378	190	75	29	20	110	57	35	10	50	13	967

Table 65.- Average Mileage Travelled from Various Counties to Montreal by 967 Fruit and Vegetable Growers Using Different Types of Vehicles 1937

Vehicle	Laval	Jacques Cartier	Deux Montagnes	Terrebonne	L'Assomption	Napierville	Laprairie	Chateauguay	Chambly	Rouville	Other	Total
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
½ ton truck	10.6	19.2	27.8	-	28.0	30.0	-	14.0	-	-	38.0	23.3
1 ton truck	13.7	14.7	30.7	23.8	20.6	26.6	18.6	12.5	13.5	32.0	28.0	18.0
1½ ton truck	12.9	11.8	26.8	23.3	21.5	26.2	18.2	16.2	16.5	31.4	33.6	15.8
2 ton truck	11.4	8.2	25.2	-	-	26.7	13.3	32.0	-	35.0	-	16.4
Larger than 2 tons	-	-	-	-	-	-	-	20.0	-	55.0	-	37.5
More than one truck	10.0	5.5	30.0	-	-	32.0	-	-	19.0	-	-	14.2
One-horse wagon	12.4	9.7	25.8	-	21.0	20.0	12.3	-	12.0	35.0	-	14.5
Two-horse wagon	9.0	16.0	28.0	28.0	-	-	20.0	-	-	-	-	19.5
Motor car	-	11.2	35.0	29.0	22.0	28.0	13.6	14.0	-	35.0	40.0	19.9
Motor car and trailer	11.5	10.0	-	-	18.0	-	15.0	12.0	-	35.0	30.0	13.7
Hired truck	10.0	9.0	27.0	27.0	-	28.2	19.8	19.8	-	35.0	52.0	25.6
Others	14.3	9.5	33.0	-	23.3	26.0	-	12.0	-	33.9	-	30.0
Average	12.8	12.2	27.9	24.1	22.1	27.0	17.7	18.3	15.7	34.2	35.2	17.9

Table 66.- Number of Loads and Average Value Per Load of Fresh Fruits and Vegetables Sold in Montreal During 1937 by 967 Quebec Growers From Various Counties Who Used Different Types of Vehicles

Vehicle		Laval	Jacques Cartier	Deux Montagnes	Terrebonne	L'Assomption	Napierville	Laprairie	Chateauguay	Chambly	Rouville	Other	Total Average
½ ton truck	Number of loads	385	170	245	-	51	40	-	25	-	-	25	941
	$	10.10	27.60	31.80	-	13.10	27.50	-	20.00	-	-	60.00	21.40
1 ton truck	Number of loads	4,837	3,296	975	242	135	517	904	302	210	205	80	11,703
	$	25.00	20.50	19.70	25.40	14.80	25.60	26.40	24.80	28.10	36.80	15.10	23.60
1½ ton truck	Number of loads	23,123	8,429	1,561	1,053	295	2,084	1,395	472	718	582	406	40,118
	$	25.70	23.10	28.60	21.80	23.30	31.40	29.00	27.20	27.10	34.70	21.40	25.70
2 ton truck	Number of loads	3,118	1,409	260	-	-	565	290	151	-	38	-	5,831
	$	24.30	30.10	32.10	-	-	30.30	21.40	35.50	-	53.90	-	28.00
Larger than 2 tons	Number of loads	-	-	-	-	-	-	-	40	-	50	-	90
	$	-	-	-	-	-	-	-	17.50	-	225.00	-	132.80
More than one truck	Number of loads	1,210	494	-	-	-	70	-	-	375	-	-	2,149
	$	32.60	19.10	-	-	-	31.40	-	-	26.70	-	-	28.50
One-horse wagon	Number of loads	909	645	43	-	55	15	128	-	24	30	-	1,849
	$	24.10	17.80	78.80	-	25.40	60.00	21.90	-	15.00	41.70	-	23.50
Two-horse wagon	Number of loads	35	245	20	4	-	-	25	-	-	-	-	329
	$	14.30	15.90	33.70	125.00	-	-	27.80	-	-	-	-	19.10
Motor car	Number of loads	-	280	20	20	185	14	81	228	-	31	35	894
	$	-	13.40	32.50	26.70	16.20	45.00	15.20	16.70	-	24.70	21.40	16.90
Motor car and trailer	Number of loads	-	110	-	-	50	-	80	5	215	-	2	462
	$	-	25.40	-	-	20.00	-	11.00	100.00	13.00	-	6.00	17.30
Hired truck	Number of loads	140	40	95	12	-	1,068	548	344	-	75	53	2,375
	$	10.00	15.00	21.40	22.90	-	21.40	33.30	19.80	-	53.70	16.50	17.10
Total loads		33,757	15,118	3,219	1,331	771	4,373	3,451	1,567	1,542	1,011	601	66,741
Average value	$	25.40	22.60	27.00	22.80	19.40	28.20	22.60	24.30	25.00	46.60	21.70	25.00

Information Obtained from 421 Growers Selling in Montreal in 1938

Information was obtained from 421 representative growers as to their sales of individual commodities. These growers located in various producing districts had sales of fresh fruits and vegetables to all agencies in Montreal in 1938 of approximately $725,000.

The average income per grower from fresh fruits and vegetables was about $1,725. In order to show the importance of individual commodities by counties, tables 67 and 68 have been prepared. Shipments to Montreal made by these 421 growers by value were 64 per cent vegetables, 19 per cent potatoes, 13 per cent tree fruits and 4 per cent small fruits.

Laval: One hundred and twenty-seven growers from Laval county marketed fresh fruits and vegetables valued at $280,175, or an average of $2,206 per farm. Vegetables from Laval made up 48 per cent of total vegetables marketed by the 421 representative growers located in all districts, while potatoes from Laval represented 37 per cent of the total potato sales. Laval county includes Jesus Island and the Northern part of the Island of Montreal.

Jacques Cartier: Jacques Cartier county is located in the southern section of Montreal Island and includes Bizard Island. The 78 detailed records obtained from growers in this county showed average sales of $1,541. Here, as in Laval county, vegetables made up more than 80 per cent of the total sales. Vegetable crops valued at more than $100,000 were sold by the 78 growers with cauliflower being the most important crop.

MAP OF MONTREAL MARKET AREA

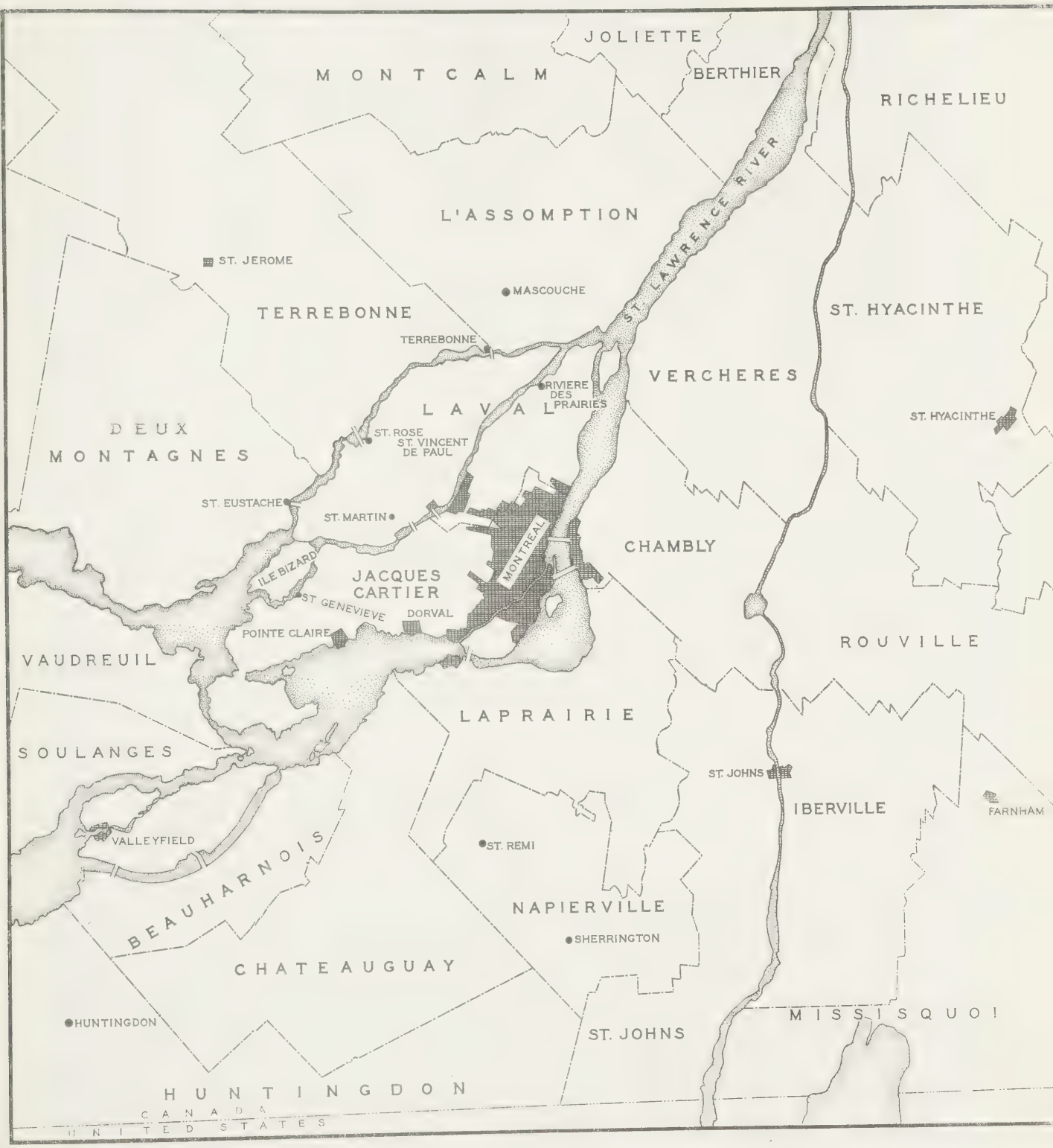


Table 67.- Value of Sales in Montreal of Individual Fresh Fruits and Vegetables by 421 Growers from Various Counties 1938

Commodity	Laval 127 growers	Jacques Cartier 78 growers	Deux Montagnes 29 growers	Terrebonne 27 growers	L'Assomption 12 growers	Napierville 77 growers	Laprairie 20 growers	Chateauguay 6 growers	Chambly 6 growers	Rouville 39 growers	Total 421 growers
	$	$	$	$	$	$	$	$	$	$	$
Asparagus	-	333.00	-	125.00	-	-	-	-	-	-	458.00
Rhubarb	1,920.75	1,576.41	175.00	22.50	-	5.00	872.50	-	9.00	-	4,581.16
Spinach	3,673.75	1,146.75	300.00	50.00	375.00	330.00	620.00	-	1,181.25	-	7,676.75
Radish	19,032.50	928.20	492.50	490.00	50.00	-	843.75	-	3,500.00	-	25,336.95
Lettuce, field	13,992.00	4,750.61	250.00	11,887.25	174.45	705.00	495.00	-	20,570.00	-	52,824.31
Lettuce, forced	5,745.00	125.00	450.00	-	-	-	-	-	13,200.00	-	19,520.00
Beets, bunch	2,770.75	1,534.33	255.00	172.50	11.25	157.33	30.00	-	3,135.00	-	8,066.16
Beets, others	5,733.00	898.50	60.00	66.00	113.50	280.00	315.00	-	150.00	-	7,616.00
Carrots, bunch	7,714.25	2,972.58	401.25	1,795.00	93.75	333.33	485.00	-	7,575.00	-	21,370.16
Carrots, others	12,288.00	2,636.66	500.00	2,170.00	341.50	384.00	415.00	-	1,727.50	-	20,462.66
Parsnips	4,580.00	687.50	-	730.00	-	-	180.00	-	500.00	-	6,677.50
Green peas	1,897.50	890.00	45.00	165.00	-	111.00	-	11.25	-	-	3,119.75
Green beans	2,377.50	5,556.00	1,200.00	251.25	100.00	530.00	723.00	-	1,000.00	-	11,737.75
Onions, green	2,523.50	3,124.10	235.00	610.00	225.00	790.00	1,342.50	250.00	8,085.00	-	17,185.10
Onions, dry	21,662.00	5,624.75	890.00	175.00	398.50	1,219.00	2,182.50	-	330.00	-	32,481.75
Tomatoes, field	16,438.40	16,767.28	6,015.00	270.00	190.00	937.50	4,567.50	-	2,300.00	-	47,485.68
Cucumbers	12,240.75	11,533.50	1,972.00	530.00	15.00	1,598.75	2,217.50	-	75.00	-	30,182.50
Sweet corn	32,363.50	5,237.60	4,040.00	4,525.00	198.00	1,314.00	28.00	-	-	-	47,706.10
Cabbage	18,792.15	4,992.00	624.60	660.00	114.30	345.00	102.20	-	220.00	-	25,850.25
Cauliflower	8,894.85	22,629.10	1,062.00	100.00	-	75.00	-	-	999.00	-	33,759.95
Celery	11,410.00	1,072.00	155.00	200.00	700.00	-	-	-	975.00	-	14,512.00
Canteloupes & melons	2,457.00	-	1,250.00	500.00	30.00	50.00	-	-	-	-	4,287.00
Turnips	13,428.75	1,458.50	265.00	186.25	276.50	38.75	-	-	262.50	-	15,916.25
Other vegetables	965.00	3,986.00	-	50.00	400.00	42.00	-	-	-	-	5,443.00
Total vegetables	222,900.90	100,460.37	20,637.35	25,730.75	3,806.75	9,245.66	15,419.45	261.25	65,794.25	-	464,256.73
Potatoes	50,719.50	4,950.35	1,343.00	2,935.00	1,880.00	60,591.75	9,910.00	4,073.25	80.00	370.00	136,852.85
Strawberries	1,412.50	822.00	5,459.00	1,556.80	420.00	150.00	1,489.65	-		90.00	11,399.95
Raspberries	3,142.50	5,528.00	2,613.75	1,477.50	2,502.50	3,516.25	-	-	-	192.50	18,973.00
Tree fruits	2,000.00	8,469.00	22,875.50	150.00	62.50	3,840.00	615.00	-	-	55,471.25	93,483.25
Total fruits and vegetables	280,175.40	120,229.72	52,928.60	31,850.05	8,671.75	77,343.66	27,434.10	4,334.50	65,874.25	56,123.75	724,965.78

Table 68.- Volume of Sales in Montreal of Individual Fresh Fruits and Vegetables by 421 Growers from Various Counties in 1938

Commodity	Laval	Jacques Cartier	Deux Montagnes	Terrebonne	L'Assomption	Mapierville	Laprairie	Chateauguay	Chambly	Rouville	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Asparagus	-	1.00	-	0.25	-	-	-	-	-	-	1.25
Rhubarb	171.00	73.20	7.20	0.90	-	0.30	18.30	-	0.36	-	271.26
Spinach	130.25	39.50	10.50	2.50	18.75	8.25	16.25	-	35.30	-	261.30
Radish	254.40	12.40	6.00	7.00	0.37	-	8.60	-	41.25	-	330.02
Lettuce, field	281.95	90.60	1.80	303.90	4.48	7.20	1.80	-	411.30	-	1,103.03
Lettuce, forced	99.00	1.50	8.00	-	-	-	-	-	228.00	-	336.50
Beets, bunched	185.75	53.00	9.75	6.35	0.37	61.50	1.50	-	188.25	-	506.47
Beets, others	498.75	77.20	5.25	5.60	9.80	24.50	22.75	-	9.90	-	653.75
Carrots, bunched	727.10	146.40	11.80	77.25	3.90	75.00	24.24	-	566.25	-	1,631.94
Carrots, others	1,081.65	245.00	39.30	189.80	29.75	34.12	35.00	-	140.00	-	1,794.62
Parsnips	151.80	16.90	-	33.80	-	-	6.50	-	16.25	-	225.25
Green peas	19.00	8.50	0.45	1.65	-	1.70	-	0.15	-	-	31.45
Green beans	38.00	63.15	14.20	2.55	1.40	7.90	12.75	-	10.00	-	149.95
Onions, green	34.05	30.25	2.75	6.35	2.25	21.40	13.80	2.50	118,00	-	231.35
Onions, dry	726.00	204.40	24.15	4.37	13.65	124.21	81.90	-	11.50	-	1,190.18
Tomatoes, field	1,241.25	1,349.80	176.25	10.50	9.75	27.75	271.50	-	42.00	-	3,128.80
Cucumbers	249.30	125.20	40.00	25.25	0.55	12.50	21.45	-	1.50	-	475.75
Sweet corn	1,401.75	154.30	80.80	129.00	6.60	36.00	1.20	-	-	-	1,809.65
Cabbage	1,782.60	486.50	35.00	52.50	9.00	23.30	10.23	-	23.30	-	2,422.43
Cauliflower	164.00	320.10	16.00	2.90		8.70	-	-	11.60	-	523.30
Celery	316.10	14.70	3.00	2.60	15.00	-	-	-	45.00	-	396.40
Melons	64.90	-	28.80	10.30	1.60	1.20	-	-	-	-	106.80
Turnips	1,090.00	116.70	17.50	12.00	24.50	2.60	-	-	14.80	-	1,278.10
Others	11.70	41.90	-	1.10	10.00	2.85	-	-	-	-	67.55
Total vegetables	10,720.30	3,672.20	538.50	888.42	161.72	480.98	547.77	2.65	1,914.56	-	18,927.10
Potatoes	3,838.10	447.72	112.80	226.00	168.00	4,865.20	700.00	243.40	8.00	23.00	10,632.22
Strawberries)	26.6	111.90	90.52	30.00	34.98	25.85	15.50	-	-	2.50	347.85
Raspberries)											
Tree fruits	70.0	267.10	656.40	1.80	2.18	153.50	17.50	-	-	828.10	1,996.58
Total	14,465.00	4,498.92	1,398.22	1,146.22	366.88	5,525.53	1,280.77	246.05	1,922.56	853.60	31,903.75

Deux Montagnes:- Twenty-nine growers from Deux Montagnes county sold fresh fruits and vegetables valued at $1,825 per farm. Tree fruits were the most important totalling $22,875 for the 29 growers. Of the vegetables, field tomatoes and sweet corn totalled 50 per cent of the total vegetable sales.

Terrebonne:- Terrebonne county is located on the north shore of the Mille Iles River. . The average sales of fresh fruits and vegetables for the 27 growers amounted in value to $1,180. Vegetables were most important with field lettuce and sweet corn constituting more than 60 per cent of the total.

L'Assomption:- L'Assomption county located immediately adjacent to Terrebonne, showed a smaller average value per farm with fresh fruits and vegetables marketed by 12 growers totalling only $8,671 or an average of $722 per farm.

Napierville:- Forty-four per cent of the total potatoes sold by the 421 growers in Montreal were grown in Napierville. Records from 77 growers showed that each farmer marketed fresh fruits and vegetables with an average value of $1,004, while of this average potatoes alone averaged $787.

Laprairie:- Twenty growers from Laprairie county sold in Montreal vegetables valued at $15,419. The total sales by these growers of fruits, vegetables and potatoes were $27,434 or an average total sales per farm of $1,372. Vegetables for canning are grown extensively in Laprairie and Napierville counties; they are not included in the sales in Montreal however.

Table 69.- Number of Tons of Different Kinds of Fruits and Vegetables per $1,000 of Sales by Growers in Various Counties of Quebec in 1938

Commodity	Laval	Jacques Cartier	Deux Montagnes	Terrebonne	L'Assomption	Napierville	Laprairie	Chateauguay	Chambly	Rouville	Total
Asparagus	-	3.	-	2.	-	-	-	-	-	-	2.7
Rhubarb	89.	46.4	41.1	40.	-	60.	21.	-	40.	-	59.2
Spinach	35.4	34.4	35.	50.	50.	23.6	26.2	-	29.9	-	34.
Radish	13.4	13.4	12.2	14.3	7.4	-	10.2	-	11.8	-	13.
Lettuce-field	20.1	19.1	7.2	25.6	25.7	10.2	3.6	-	20.	-	20.9
Lettuce-forced	17.2	12	17.8	-	-	-	-	-	17.3	-	17.2
Beets, bunched	67.	34.5	38.2	36.8	32.9	44.5	50.	-	60.	-	56.
Beets, others	87.	85.9	87.5	84.8	86.3	87.5	72.2	-	66.	-	85.8
Carrots, bunched	94.2	49.2	29.4	43.	41.6	60.	50.	-	74.7	-	73.8
Carrots, others	88.	92.9	78.6	87.5	87.1	88.9	84.3	-	81.	-	87.7
Parsnips	33.1	24.6	-	46.3	-	-	36.1	-	32.5	-	33.7
Peas	10.	9.6	10.	10.	-	15.3	-	13.3	-	-	10.1
Beans	16.	13.6	11.8	10.1	14.	14.9	17.6	-	10.	-	12.8
Onions, green	13.5	9.7	11.8	10.4	10.	27.1	10.3	10.	14.6	-	13.5
Onions, dry	33.5	36.3	27.1	25.	34.2	34.	37.5	-	34.8	-	34.1
Tomatoes, field	75.5	80.5	29.3	38.9	51.3	29.6	59.4	-	18.3	-	65.9
Cucumbers	20.4	10.9	20.3	47.6	36.7	7.8	9.7	-	20.	-	15.8
Corn	43.3	29.5	20.2	28.5	33.3	27.4	42.8	-	-	-	37.9
Cauliflower	18.4	14.1	15.1	29.	-	11.6	-	-	11.6	-	15.3
Cabbage	94.9	97.4	56.	79.5	78.7	67.5	100.1	-	105.9	-	93.7
Celery	27.7	13.7	19.3	13.	21.4	-	-	-	46.1	-	27.3
Melons	26.4	-	23.	20.6	53.3	24.	-	-	-	-	25.
Turnips	81.1	80.	66.	64.4	88.6	67.1	-	-	56.4	-	80.3
Others	12.1	10.5	-	22.0	25.	67.8	-	-	-	-	12.4
Total vegetables	47.9	36.6	26.1	34.5	42.5	30.4	35.5	10.1	29.1	-	40.3
Potatoes	75.7	90.4	84.	77.	89.4	80.3	70.6	59.8	100.	62.2	77.7
Strawberries) Raspberries)	8.	17.6	11.2	9.9	12.	7.	10.4	-	-	8.8	11.5
Tree fruits	35.	31.5	28.7	12.	34.9	40.	28.4	-	-	14.9	21.4
Total	52.1	37.4	26.4	36.	42.3	68.8	46.7	56.8	29.2	15.2	43.7

Chateauguay:-
Chateauguay county located adjacent to Napierville and Laprairie county is not dependent on Montreal as a market. A great many growers from this county sell produce on the Lachine Market but these sales are not included in the Montreal total. Canning crops were also grown extensively. The six records obtained showed average sales in Montreal of $704 per farm.

Rouville:- Rouville county is located in the centre of the apple growing district in the Eastern Townships. Approximately 60 per cent of all tree fruits sold in Montreal by the 421 growers came from this county. From the 39 records obtained, it was found that each grower's average sales of fresh produce, consisting almost entirely of apples, were valued at $1,439.

Chambly:- Chambly county is situated on the south shore of the St. Lawrence River directly east of Montreal and the six growers who gave information were the larger growers. For this reason the records are not truly representative of the county. The average sales for each farm amounted to $10,979. This was the largest average sales per farm of the 10 counties visited. Lettuce sales of the six growers totalled $33,770 or more than 50 per cent of the vegetable total.

Number of tons per $1,000 of sales.

The tonnage and value of fresh fruits and vegetables shipped to Montreal by the 421 growers have been shown by commodity for each county in table 68. In order to compare the sales value of the different commodities one with another and to make comparisons between counties, the number of tons per $1,000 of sales has been worked out and is shown in table 69. In making comparisons of similar commodities as between districts, it should be kept in mind that the tonnage per $1,000 of sales depends on time of maturity and quality of the particular product and the agency through which it was marketed.

Tomatoes showed a very wide variation in the quantity that could be purchased with $1,000 and ranged from 18.3 tons in Chambly county to 80.5 tons in Jacques Cartier county. The variation in this case depended on the time of maturity and type of tomato grown. Dry onions showed a much narrower range, from a low volume of 25 tons from Terrebonne county to a high volume of 37.5 tons from Laprairie county. Considering all vegetables the average volume per $1,000 of sales varied from 10.1 tons in the case of Chateauguay county where a few commodities were grown for sale in Montreal, to 47.9 tons in Laval county where large quantities of many different kinds of fruits and vegetables were produced.

Estimated Value and Tonnage by Commodity of Quebec-grown Fruits and Vegetables Sold in Montreal in 1937.

On the basis of the individual records of the 421 growers and the information obtained according to commodities of the purchases of Quebec-grown fresh fruits and vegetables by chain stores and jobbers, an estimate of the total value of individual commodities has been arrived at and is shown in table 70. These individual values were converted to tons by using the average number of tons per $1,000 of sales as shown by the individual commodities in table 69. Both the value and the volume are worked out on a percentage basis. Potatoes totalled 22.4 per cent by value and 39 per cent by volume of the total Quebec sales in Montreal. Of the vegetable total, carrots, lettuce, tomatoes and onions each make up approximately 10 per cent by value though on a volume basis carrots and tomatoes total 20.5 per cent and 16.0 per cent respectively. Cabbage by volume represented 13 per cent of the total vegetable sales whereas by value this commodity totalled only 5.7 per cent of the vegetable total. Fruits on the basis of value totalled 19.7 per cent of the Quebec total with apple sales valued at $581,000.

Table 70.- Estimated Value and Tonnage by Commodity of Individual Fruits and Vegetables from Quebec Province Sold in Montreal in 1937.

	Value	Individual percentage by value	Tons	Individual percentage by value
	$	%		%
Carrots, bagged,	144,280)	10.4	22,824	20.5
bunched	137,813)			
Lettuce	279,021	10.3	5,832	5.3
Tomatoes	268,738	9.9	17,710	16.0
Onions, dry	178,243)	9.8	7,273	6.6
green	88,543)			
Corn	210,218	7.7	7,967	7.2
Cauliflower	184,627	6.8	2,825	2.5
Cabbage	154,261	5.7	14,454	13.0
Cucumbers	142,010	5.2	2,243	2.0
Turnips	128,523	4.8	10,423	9.4
Celery	126,704	4.7	3,459	3.1
Radish	116,775	4.3	1,518	1.4
Beets, bunched,	50,967)	3.1	5,816	5.3
bagged	34,525)			
Beans	81,468	3.0	1,043	.9
Mushrooms	74,562	2.7	186	.2
Peas	68,622	2.5	693	.6
Spinach	49,893	1.8	1,696	1.5
Parsnips	47,811	1.7	1,611	1.4
Rhubarb	32,433	1.2	1,920	1.7
Melons	21,319	.8	533	.5
Brussel prouts	17,032	.6	204	.2
Shallots	14,323	.5	411	.4
Asparagus	11,002	.4	30	-
Parsley	9,024	.3	69	.1
Broccoli	4,254	.2	10	-
Leeks	3,761	.1	54	.1
Other egetables	40,404	1.5	41	.1
Total	2,721,166	100.0	110,845	100.0
Potatoes	1,055,209	100.0	81,567	100.0
Strawberries	177,620	19.2	2,042	12.5
Raspberries	127,644	13.8	1,468	9.0
Blueberries	38,529	4.2	315	1.9
Total small fruits	343,793	37.2	3,825	23.4
Apples	581,041	62.8	12,434	76.6
Total fruits	924,834	100.0	16,259	100.0
Gr nd Total	4,701,809		208,871	

PART V

Opinions of Independent Retail Storekeepers and Growers with Reference to Improvements of the Montreal Public Markets

Independent Retail Storekeepers

In response to the question "What improvements would you suggest for Montreal Public Markets?" the following replies were received from 700 retail storekeepers selling in Montreal;- 157 were in favour of enlarging the Bonsecours Market, 112 others recognized the fact that the present congestion should be eliminated and suggested that more space should be made available for the buyer to park when he went to market. Fifty-seven of the retailers favoured a new market in the eastern end of the city while 26 others stated there should be a central market other than Bonsecours. Fifty-six other retailers were in favour of more careful grading of produce sold by the Quebec growers. Other changes suggested dealt with more efficient traffic control and elimination of the pedlars selling on the different markets.

More than 260 of the 700 retailers expressed no opinion regarding improvements.

Growers

Replying to a similar question as that asked the independent retail storekeepers, 167 of the 421 growers interviewed felt they were in no position to express any opinion.

Of the 254 growers who suggested improvements, 187 recognized the fact that the present Bonsecours Market was congested and suggested that either the Bonsecours Market be enlarged or a new central market be erected which would be large enough to do away with the present Bonsecours Market. Twenty-four other growers were in favour of a new market in the eastern section of the city. Other changes suggested included the elimination

of pedlars, the setting of minimum prices, the desirability of a covered market, more care in the grading of produce and control over the imported produce during the local season.

PART VI

Comparison of Value and Production of Fresh Fruits and Vegetables Produced in Quebec Province in 1937 to Value and Production for Six Years 1933-1938

The total value of all fresh fruits and vegetables (including potatoes) produced in Quebec Province during 1937 was estimated at $16,403,000. Truck crops including raspberries and strawberries were estimated at $7,708,000 [1] for 1937 while the value of potatoes produced in Quebec was $9,170,300 [2] and the value of the apple crop estimated at $663,000 [2] (Table 71).

Table 71.- Value of Truck Crops, Potatoes, Apples, and Total Fresh Fruits and Vegetables Produced in Quebec for Years 1933-1938.

Year	Truck crops		Potatoes	
	Value	Index	Value	Index
	$	%	$	%
1933	5,024,400	76.6	9,511,000	104.1
1934	5,601,000	85.4	6,863,000	74.8
1935	6,297,000	96.0	8,902,000	97.1
1936	7,187,000	109.6	12,958,000	141.3
1937	7,708,000	117.5	8,032,000	87.6
1938	7,531,000	114.9	8,716,000	95.1
Average	6,558,000	100.0	9,170,300	100.0

	Apples		Total Fresh Fruits and Vegetables	
	$	%	$	%
1933	644,000	109.7	15,219,400	93.3
1934	423,000	72.1	12,887,000	79.0
1935	888,000	151.3	16,087,000	98.6
1936	386,700	65.9	20,531,000	125.8
1937	663,000	113.0	16,403,000	100.5
1938	516,400	88.0	16,763,400	102.7
Average	586,800	100.0	16,315,100	100.0

(1) Agricultural Statistics - Quebec Department of Trade and Commerce 1934-1935 to 1938-39.
(2) Annual Statistics of Fruit Nursery Stock and Floriculture- Dominion Bureau of Statistics - Agricultural Branch. 1933-1938.

SUMMARY

Approximately 389,000 tons of fresh fruits and vegetables valued at $16,631,200 (at a laid down cost in Montreal) were received in Montreal in 1937.

Shipments of fresh fruits and vegetables from Montreal to points outside were valued at approximately $3,254,000 or 19.6 per cent of the total receipts.

Receipts of fresh fruits and vegetables by motor truck totalled in value $4,696,100. Of this total $2,710,000 represented vegetables, $1,039,000 fruits, and the remaining $946,800 potatoes.

Of the total motor truck arrivals, produce valued at $3,008,700 was sold on the public markets of Montreal while produce worth $629,500 was sold to wholesalers and jobbers in Montreal.

Arrivals by rail (freight and express) totalled $9,915,800 or 60 per cent of fresh fruits and vegetables received in Montreal while receipts by boat totalled $2,019,300.

During the months of June and May, 1937, rail and boat arrivals reached their peak. Arrivals during these two months totalled $1,579,100 and $1,346,000 respectively. January was the low month of the year for receipts by rail and boat.

Wholesalers' and jobbers' direct purchases of fresh fruits and vegetables totalled $12,565,000 in value. Produce from Quebec Province made up 5.1 per cent of their purchases.

Sales of wholesalers and jobbers totalled $13,592,000 of which 39 per cent were sales to independent retail stores, 17 per cent sales to chain stores and 21 per cent sales to country points and sales to other buyers 23 per cent.

The cost to retail selling agencies of all fresh fruits and vegetables received in Montreal in 1937 was approximately 18 million dollars.

Of the total purchases by value of independent retail stores (including chain stores with less than 10 stores each) 72 per cent was received from wholesalers and jobbers while 22 per cent was received from public markets.

Twenty per cent of independent retail stores' purchases by value were Quebec vegetables, 5 per cent Quebec fruits, 7 per cent Quebec potatoes, while the remaining 68 per cent represented produce grown outside of the Province of Quebec.

Five Grocery Chains in Montreal operating 218 branch stores in 1937 purchased fresh fruits and vegetables valued at $2,595,000. This included purchases of $268,500 direct from Quebec growers. Of this latter total, vegetables represented $238,300, potatoes $10,200, and fruits the remaining $20,000. Carrots, lettuce and tomatoes were the three most important vegetables purchased from Quebec growers by chain stores.

Truckers and pedlars purchased fresh fruits and vegetables valued at $2,116,200 of which 66 per cent was supplied by wholesalers and jobbers, 22 per cent represented purchases on the public markets of Montreal, and 12 per cent purchases from growers at the farm.

Three-quarters of the sales of truckers and pedlars were made directly to consumers while 11 per cent were sold to country points in Ontario and Quebec and another 11 per cent were sold on the public markets of Montreal.

Hotels, restaurants, hospitals, institutions and railway and steamship companies together purchased fruits and vegetables valued at $1,249,000 of which $205,800 represented purchases direct from growers.

Wholesalers and jobbers credit sales to country points totalled $2,511,700 of which sales to Quebec City amounted to $455,800, sales to Three Rivers $232,500 and sales to Sherbrooke $146,500. Credit sales to points outside of Canada totalled $44,000.

Tomatoes, lettuce, celery and carrots combined, made up 65 per cent by value of all vegetables arriving in Montreal in 1937 by rail and boat. Bananas, apples, grapes, strawberries and pears together were responsible for 79 per cent of all receipts of fruit (excluding citrus fruits) by rail and boat.

Receipts by rail and boat, from the United States totalled $5,583,400 in value, receipts from Quebec Province $155,300, from other provinces of Canada $2,766,400, and from other countries $3,429,900.

New Brunswick, Ontario and British Columbia together were responsible for 85 per cent of the receipts by rail and boat from Canadian provinces other than Quebec.

From the state of California were received fruits and vegetables valued at $3,379,600. California-grown produce represented 28.3 per cent of the total arrivals by rail and boat.

The British West Indies shipped fresh fruits and vegetables (mainly bananas) to Montreal valued at $1,648,500 or 48 per cent of total arrivals by rail and boat from countries other than Canada and the United States.

Less than carlot receipts of fresh fruits and vegetables by rail and boat totalled $310,200 in value with July the peak month for such receipts.

Approximately 54 per cent of the tonnage and 28 per cent of the value of all receipts of fresh fruits and vegetables in Montreal in 1937 originated in the Province of Quebec.

Of the total value of all vegetables and potatoes received in Montreal, Quebec-grown produce represented approximately 47 per cent while 23 per cent of all fruits (excluding bananas and oranges) were produced within the province. Excluding those fruits and vegetables which cannot be grown commercially in Quebec Province at any time during the year, 42 per cent of all fresh fruits and vegetables sold in Montreal were produced in Quebec.

Fruit receipts by value totalled 52 per cent of all arrivals, vegetables totalled 35 per cent and potatoes the remaining 13 per cent.

Total value of growers' sales of Quebec-grown fruits and vegetables on different Montreal public markets was $3,008,700. Of this total fruits and vegetables valued at $1,680,700 were sold on Bonsecours Market. Jean Talon, Maisonneuve and Atwater Markets were approximately equal importance, each one receiving 12 per cent of the total business.

Laval and Jacques Cartier counties were the most important counties from which growers came to sell fresh fruits and vegetables on the public markets of Montreal. Produce from Laval and Jacques Cartier counties was valued at $1,383,800 and $576,000 respectively.

Rouville was the most important county shipping tree fruits and Deux Montagnes the most important county for small fruits. Laval and Napierville were the two most important counties shipping potatoes to Montreal's public markets.

One-third of the loads brought to Montreal originated on the Island of Montreal. Cartierville Bridge was used most extensively by other

growers with Viau Bridge next in importance.

Approximately one-third of the loads coming to the various Montreal markets passed over a portion of St. Lawrence Boulevard.

The 1½ ton truck was used most extensively by growers who came to market.

The average distance from market of all growers was 17.9 miles and the average value per load was $25.00 for fruits and vegetables in 1937.

Carrots, lettuce, tomatoes and onions, each made up approximately 10 per cent by value of the vegetables sold from Quebec Province in Montreal in 1937. On a volume basis, carrots and tomatoes totalled 20.5 per cent and 16.0 per cent respectively. Fruit on the basis of value totalled 19.7 per cent and by volume 7.9 per cent of all fresh fruits and vegetables arriving in Montreal from Quebec Province.

Appendix

Table 72.- Total Production of Truck Crops and Apples in Quebec from 1933-1938 and Yearly Index (Average 1933-1938 = 100)
('000 omitted in all production figures)

	1933	1934	1935	1936	1937	1938	Average
Beets bus.	670	693	814	770	718	730	732.5
% of Average	91.4	94.6	111.1	105.1	98.0	99.6	100.0
Carrots bus.	428	477	444	373	411	559	451.2
% of Average	93.8	105.3	98.4	83.3	95.5	123.7	100.0
Celery doz.	800	864	869	1,236	1,026	1,164	1,009.7
% of Average	79.3	85.6	86.1	122.0	101.7	115.4	100.0
Cabbage bus.	912	884	728	816	813	1,112	877.5
% of Average	103.9	100.7	83.0	92.5	92.6	126.7	100.0
Cauliflower bus.	132	130	98	132	118	132	128.8
% of Average	102.5	100.9	76.1	123.5	91.6	102.5	100.0
Cucumbers bus.	351	265	266	288	335	335	306.8
% of Average	114.4	86.7	86.7	93.9	109.2	109.2	100.0
Beans bus.	312.5	302	378	343	364	371	345.1
% of Average	90.6	87.5	109.5	99.4	105.5	107.5	100.0
Lettuce doz.	1,230	1,485	1,406	1,286	1,253	1,260	1,335
% of Average	92.1	111.2	112.1	96.3	93.9	94.4	100.0
Corn bus.	1,056	1,050	1,166	1,590	1,675	1,744	1,380
% of Average	76.5	76.1	84.5	115.2	121.3	126.4	100.0
Peas bus.	264	230	364	338	355	315	321
% of Average	82.2	80.2	113.4	105.3	110.6	98.1	100.0
Onions bus.	450	500	610	707	663	592	587
% of Average	76.7	85.2	103.9	120.4	112.9	100.9	100.0
Tomatoes bus.	1,694	1,982	1,860	1,800	2,013	1,980	1,884.8
% of Average	89.9	104.1	98.7	95.5	106.8	105.1	100.0
Strawberries qt.	4,845	5,890	6,160	7,671	7,909	6,050	6,420.8
% of Average	75.5	91.7	95.9	119.5	123.2	94.2	100.0
Raspberries qt.	2,915	2,230	2,544	2,304	2,442	2,700	2,477.7
% of Average	105.9	90.8	102.7	93.0	98.6	109.0	100.0
Apples bbls.	306.5	121	229	91	177	171.5	173.2
% of Average	177.0	69.9	132.2	52.5	102.2	70.1	100.0

Table 73.- Total Value of Truck Crops in Quebec from 1933-1938 and Yearly Index
(Average 1933-1938 = 100)
('000 omitted in all production values)

		1933	1934	1935	1936	1937	1938	Average
Beets	$	234.5	298	334	300	294	292	292.1
% of Average		80.3	102.0	114.2	102.7	100.6	100.0	100.0
Carrots	$	163.2	185	155	188	220	279	198.4
% of Average		84.5	93.8	77.7	94.3	110.3	139.9	100.0
Celery	$	320	372	445	639	585	582	490.2
% of Average		65.7	75.9	90.4	130.4	119.3	118.7	100.0
Cabbage	$	319	301	226	465	472	534	386.2
% of Average		82.6	77.9	58.5	120.4	122.2	138.3	100.0
Cauliflower	$	92.4	104	82	64	55	92	81.6
% of Average		113.2	127.4	100.3	78.4	67.4	112.8	100.0
Cucumbers	$	158	154	146	230	245	241	195.7
% of Average		80.8	78.7	74.6	117.6	125.2	123.2	100.0
Beans	$	234.4	332	374	292	351	334	319.2
% of Average		73.4	104.0	117.2	90.2	110.6	104.6	100.0
Lettuce	$	246	287	424	342	351	315	327.5
% of Average		75.1	90.7	129.5	98.3	107.2	96.2	100.0
Corn	$	485.8	546	758	1,508	1,271	1,309	939.5
% of Average		52.3	58.7	81.5	150.0	136.7	140.7	100.0
Peas	$	216.5	225	400	450	476	416	365.6
% of Average		59.2	64.3	109.4	123.1	130.2	113.8	100.0
Onions	$	306	400	555	445	570	592	478
% of Average		64.0	83.7	116.1	93.1	119.2	123.8	100.0
Tomatoes	$	1,135	1,177	1,135	1,218	1,308	1,188	1,192.7
% of Average		95.2	48.7	95.2	101.7	109.7	99.6	100.0
Strawberries	$	436	530	524	690	728	545	575.5
% of Average		75.8	92.1	91.1	119.9	126.5	94.7	100.0
Raspberries	$	341	304	331	270	293	291	307
% of Average		111.1	99.0	107.8	89.9	95.4	96.7	100.0

Table 74 - Value By Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal - 1937

(A) From other Canadian Provinces.

	Quebec	B. C.	N. B.	N. S.	Ontario	P.E.I.
Asparagus	11,002.00	-	-	-	4,342.63	-
Beans	81,468.00	-	-	-	-	-
Beets	85,492.00	-	-	-	96.75	-
Cabbage	154,261.00	-	-	-	9,544.03	-
Carrots	282,093.00	-	992.60	884.82	3.15	-
Canteloups	21,319.00	-	-	-	12,634.94	-
Cauliflower	184,627.00	-	-	-	5,191.97	-
Celery	126,704.00	-	-	-	46,425.10	-
Cucumbers	142,010.00	5,533.00	-	780.57	8,191.46	-
Honey Dew	-	-	-	-	-	-
Lettuce	279,021.00	-	-	-	-	-
Onions	266,786.00	4,038.00	-	1,200.00	70,529.41	-
Peas	68,622.00	-	-	-	2,499.08	-
Peppers		-	-	-	15.08	-
Radishes	116,775.00	-	-	-	118.67	-
Rhubarb	32,443.00	-	-	-	714.19	-
Shallots	14,323.00	-	-	-	-	-
Spinach	49,893.00	-	-	-	100.13	-
Sweet Potatoes		-	-	-	-	-
Tomatoes	268,758.00	1,300.00	-	167.94	61,077.23	-
Turnips	128,523.00	-	350.00	-	2,825.00	350.00
Watermelon	-	-	-	-	-	-
Mixed & Other	407,066.00	-	-	-	6,476.96	-
Total	2,721,166.00	10,871.00	1,342.60	3,033.33	230,855.78	350.00
Potatoes	1,055,209.00	-	927,946.97	-	-	174,016.55
Oranges	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Grapefruit	-	-	-	-	-	-
Others	-	-	-	-	-	-
Mixed	-	-	-	-	-	-
Total Citrus	-	-	-	-	-	-
Apples	581,041.00	363,325.89	12,678.81	185,590.26	157,532.76	-
Apricots	-	3,000.00	-	-	-	-
Bananas	-	-	-	-	-	-
Cherries	-	41,392.82	-	-	30,353.62	-
Cranberries	-	-	1,800.00	11,984.35	10.00	100.68
Grapes	-	-	-	-	106,456.05	-
Peaches	-	-	-	-	114,724.87	-
Pears	-	31,507.32	-	3,000.00	4,384.00	-
Pineapples	-	-	-	-	-	-
Plums	-	-	-	-	10,391.14	-
Pomegranates	-	-	-	-	-	-
Prunes	-	-	-	-	-	-
Blueberries	38,529.00	-	10,050.79	6,752.88	56.21	-
Strawberries	177,620.00	-	7,852.12	20,356.98	65,534.39	-
Raspberries	127,644.00	-	-	-	13,047.00	-
Mixed	-	3,661.08	-	-	187,761.92	-
Total Fruits	924,834.00	442,887.11	32,381.72	227,684.47	690,251.96	100.68
Mixed Fruit&Veg.	-	-	-	-	44,875.03	-
Nuts	-				6.52	
Grand Total	4,701,209.00	453,758.11	961,671.29	230,717.80	965,989.29	174,467.23

Table 75 - Value By Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1937.

(B) From United States

	Alabama	Arizona	Arkansas	California	Colorado	Delaware
Asparagus	-	-	-	13,537.51	-	-
Beans	-	-	-	-	-	-
Beets	-	-	-	-	-	-
Cabbage	746.80	-	-	-	-	-
Carrots	-	18,329.42	-	119,176.55	-	-
Canteloups	-	23,829.75	-	73,745.26	888.38	-
Cauliflower	-	-	-	51,192.93	-	-
Celery	-	-	-	106,388.11	-	-
Cucumbers	-	-	-	127.31	-	-
Honey Dew	-	850.00	-	35,259.91	1,675.81	-
Lettuce	-	152,337.46	-	300,391.09	-	-
Onions	-	-	-	2,480.99	2,742.45	-
Peas	-	-	-	54,363.81	-	-
Peppers	-	-	-	-	-	-
Radishes	-	-	4,800.41	395.84	-	-
Rhubarb	-	-	-	-	-	-
Shallots	-	-	-	183.45	-	-
Spinach	-	-	1,488.48	832.00	-	-
Sweet Potatoes	-	-	-	499.05	-	5,648.74
Tomatoes	-	-	30,653.82	45,747.83	-	-
Turnips	-	-	-	-	-	-
Watermelons	-	-	-	-	-	-
Mixed & Other	-	-	900.00	35,595.52	113.40	-
Total	746.80	195,346.63	37,842.71	839,917.16	5,419.96	5,648.74
Potatoes	-	-	-	-	-	-
Oranges	-	-	-	1,330,647.03	-	-
Lemons	-	-	-	106,158.85	-	-
Grapefruit	-	6,900.00	-	58,565.52	-	-
Others	-	-	-	3,520.50	-	-
Mixed	-	-	-	98,768.31	-	-
Total Citrus	-	6,900.00	-	1,597,660.21	-	-
Apples	-	-	-	1,800.00	-	31,615.51
Apricots	-	-	-	2,036.67	-	-
Bananas	-	-	-	-	-	-
Cherries	-	-	-	48,407.42	-	-
Cranberries	-	-	-	-	-	-
Grapes	-	2,500.00	-	501,170.73	-	-
Peaches	-	-	2,400.00	50,124.36	1,200.00	-
Pears	-	-	-	181,390.14	-	-
Pineapples	-	-	-	-	-	-
Plums	-	-	-	95,473.33	-	-
Pomegranates	-	-	-	2,899.23	-	-
Prunes	-	-	-	-	-	-
Blueberries	-	-	-	-	-	-
Strawberries	-	-	-	-	-	30,432.40
Raspberries	-	-	-	-	-	-
Mixed	-	-	-	58,692.06	-	-
Total	-	2,500.00	2,400.00	941,993.94	1,200.00	62,047.91
Mixed Fruit&Veg.	-	-	-	-	-	-
Nuts	-	-	-	-	-	-
Grand Total	746.80	207,746.63	40,242.71	3,379,571.31	6,619.96	67,696.65

Table 75 (cont.)- Value by Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1937.

(B) From United States

	Florida	Georgia	Idaho	Illinois	Iowa	Kentucky
Asparagus	-	-	-	-	-	-
Beans	28,240.50	-	-	-	-	-
Beets	-	-	-	-	-	-
Cabbage	4,843.30	-	-	-	-	-
Carrots	-	-	-	-	-	-
Canteloups	-	-	-	-	-	-
Cauliflower	-	-	-	-	-	-
Celery	112,511.88	-	-	-	-	-
Cucumbers	6,233.64	-	-	-	-	-
Honey Dew	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-
Onions	-	-	3,692.87	-	1,100.00	-
Peas	-	-	-	-	-	-
Peppers	750.00	-	-	-	-	-
Radishes	1,300.00	-	-	-	-	-
Rhubarb	-	-	-	-	-	-
Shallots	-	-	-	-	-	-
Spinach	-	-	-	-	-	-
Sweet Potatoes	-	-	-	-	-	-
Tomatoes	3,346.08	-	-	-	-	-
Turnips	-	-	-	-	-	-
Watermelons	23,500.78	21,198.43	-	-	-	-
Mixed & other	3,960.28	-	-	-	-	-
Total	184.686.46	21,198.43	3,692.87	-	1,100.00	-
Potatoes	3,919.82	-	-	-	-	
Oranges	118,957.25	-	-	-	-	-
Lemons	1,710.00	-	-	-	-	-
Grapefruit	117,812.79	-	-	-	-	-
Others	12,220.69	-	-	-	-	-
Mixed	17,984.91	-	-	-	-	-
Total Citrus	268,685.64		-	-	-	-
Apples	-	-	-	11,511.72	-	-
Apricots	-	-	-	-	-	-
Bananas	-	-	-	-	-	-
Cherries	-	-	-	-	-	-
Cranberries	-	-	-	-	-	-
Grapes	-	-	-	-	-	-
Peaches	-	25,586.10	-	-	-	-
Pears	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Plums	-	-	-	-	-	-
Pomegranates	-	-	-	-	-	-
Prunes	-	-	-	-	-	-
Blueberries	459,92	-	-	-	-	-
Strawberries	21,907.01	-	-	-	-	-
Raspberries	-	-	-	-	-	-
Mixed	12,779.39	-	-	-	-	1,500.00
Total	55,146.32	25,586.10	-	11,511.72	-	-
Mixed Fruit&Veg.	-		-	-	-	-
Nuts	-		-	-	-	-
Grand Total	492,438.24	46,784.53	3,692.87	11,511.72	1,100.00	1,500.00

Table 75 (cont.) -Value By Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1937.

(B) From United States

	Louisiana	Maryland	Massachussets	Mississippi	Missouri	N.Jersey
Asparagus	-	-	-	-	-	-
Beans	28,222.69	9,044.60	-	1,413.48	-	2,200.00
Beets	-	-	-	-	-	-
Cabbage	2,254.50	-	-	38,385.24	-	-
Carrots	-	-	-	-	-	-
Canteloups	-	1,000.00	-	-	-	-
Cauliflower	600.00	-	-	-	-	-
Celery	-	-	-	-	-	-
Cucumbers	-	-	-	-	-	-
Honey Dew	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-
Onions	-	-	-	-	-	-
Peas	-	-	-	-	-	-
Peppers	-	-	-	-	-	-
Radishes	-	-	-	-	374.26	-
Rhubarb	-	-	-	-	-	-
Shallots	11,272.68	-	-	-	-	-
Spinach	-	707.81	-	700.00	-	-
Sweet Potatoes	-	1,100.00	-	-	-	10,541.63
Tomatoes	-	17,442.74	-	76,492.50	-	-
Turnips	-	-	-		-	-
Watermelons	-	-	-	-	-	-
Mixed & other	20,497.43	-	-	2,172.49	2,284.28	750.00
Total	62,847.30	29,295.15	-	119,163.71	2,658.54	13,491.63
Potatoes	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Grapefruit	-	-	-	-	-	963.84
Others	-	-	-	1,855.93	-	-
Mixed	-	-	-	-	-	-
Total Citrus	-	-	-	1,855.93	-	963.84
Apples	-	1,490.43	-	-	-	655.44
Apricots	-	-	-	-	-	-
Bananas	-	-	-	-	-	527.37
Cherries	-	-	-	-	-	-
Cranberries	-	-	24,691.25	-	-	-
Grapes	-	-	-	-	-	-
Peaches	-	-	-	-	-	-
Pears	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Plums	-	-	-	-	-	-
Pomegranates	-	-	-	-	-	-
Prunes	-	-	-	-	-	-
Blueberries	-	-	-	-	-	-
Strawberries	87,178.21	40,212.77	-	-	-	-
Raspberries	-	-	-	-	-	-
Mixed	1,400.00	-	-	-	-	-
Total	88,578.21	41,703.20	24,691.25	-	-	1,182.81
Mixed Fruit&Veg.	-	-	-	-	-	-
Nuts	-	-	-	-	-	-
Grand Total	151,425.51	70,998.35	24,691.25	121,019.64	2,658.54	15,638.28

Table 75 (cont.)- Value By Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1937.

(B)From United States

	New York	N. Carolina	Oregon	S. Carolina	Tennessee
Asparagus	-	-	-	1,950.00	-
Beans	605.95	12,139.71	-	989.96	4,055.36
Beets	-	-	-	-	-
Cabbage	-	-	-	8,398.95	4,691.82
Carrots	-	-	-	-	-
Canteloups	-	8,000.00	-	-	-
Cauliflower	6,945.58	-	-	-	-
Celery	-	-	-	-	-
Cucumbers	78.99	-	-	8,414.00	-
Honey Dew	-	-	-	-	-
Lettuce	-	-	-	-	-
Onions	4,827.15	-	-	-	-
Peas	-	-	1,600.00	-	-
Peppers	-	-	-	-	-
Radishes	-	-	-	-	-
Rhubarb	-	-	-	-	-
Shallots	-	-	-	-	-
Spinach	-	-	-	-	-
Sweet Potatoes	-	-	-	706.98	508.60
Tomatoes	-	-	-	8,251.48	28,536.26
Turnips	-	-	-	-	-
Watermelons	-	2,290.70	-	3,349.89	-
Mixed & other	2,981.69	-	-	-	-
Total	15,439.36	22,430.41	1,600.00	32,061.26	37,792.04
Potatoes	-	905.49	-	13,721.88	-
Oranges	2,280.00	-	-	-	-
Lemons	-	-	-	-	-
Grapefruit	-	-	-	-	-
Others	-	-	-	-	-
Mixed	4,074.00	-	-	-	-
Total Citrus	6,354.00	-	-	-	-
Apples	11,599.01	-	-	-	-
Apricots	-	-	-	-	-
Bananas	-	-	-	-	-
Cherries	1,037.06	-	-	-	-
Cranberries	-	-	-	-	-
Grapes	-	-	-	-	-
Peaches	-	14,271.33	-	13,708.78	-
Pears	-	-	64,381.93	-	-
Pineapples	-	-	-	-	-
Plums	-	-	-	-	-
Pomegranates	-	-	-	-	-
Prunes	-	-	15,780.16	-	-
Blueberries	87.25	-	-	-	-
Strawberries	-	8,287.35	-	-	-
Raspberries	-	-	-	-	-
Mixed	-	-	-	-	-
Total Fruit	12,723.32	22,558.68	80,162.09	13,708.78	-
Mixed Fruit&Veg.	-	-	-	-	-
Nuts	-	-	-	-	-
Grand Total	34,516.63	45,894.58	81,762.09	59,491.92	37,792.04

Table 75 (cont.)- Value By Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1937.

(B) From United States

	Texas	Virginia	Washington	Total
Asparagus	-	-	1,966.87	17,454.38
Beans	-	-	-	86,912.25
Beets	2,201.49	-	-	2,201.49
Cabbage	23,111.20	7,419.00	-	89,850.81
Carrots	20,906.46	-	-	158,412.43
Canteloups	2,914.74	-	-	110,378.13
Cauliflower	-	-	-	58,738.51
Celery	-	-	-	218,899.99
Cucumbers	9,666.31	-	-	24,520.25
Honey Dew	-	-	-	38,785.72
Lettuce	-	-	-	452,728.55
Onions	5,527.08	-	8,103.55	28,474.09
Peas	-	-	-	55,963.81
Peppers	-	-	-	750.00
Radishes	12,499.20	-	-	19,369.71
Rhubarb	-	-	-	-
Shallots	-	-	-	11,456.13
Spinach	45,999.18	18,023.02	-	67,750.49
Sweet Potatoes	-	750.00	-	19,755.00
Tomatoes	230,720.64	-	-	441,191.35
Turnips	-	-	-	-
Watermelons	-	-	-	49,339.80
Mixed & other	97,899.91	18,825.94	-	185,980.94
Total	451,446.13	45,017.93	10,070.42	2,133,913.67
Potatoes	-	42,033.54	-	60,610.73
Oranges	3,372.52	-	-	1,455,256.80
Lemons	-	-	-	107,868.85
Grapefruit	59,893.25	-	-	244,135.40
Others	-	-	-	17,597.12
Mixed	-	-	-	120,827.22
Total Citrus	63,265.77	-	-	1,945,685.39
Apples	-	795.00	27,768.43	94,390.54
Apricots	-	-	-	2,036.67
Bananas	-	-	-	527.37
Cherries	-	-	-	49,444.48
Cranberries	-	-	-	24,691.25
Grapes	-	-	-	503,670.73
Peaches	-	4,809.15	-	112,099.72
Pears	-	-	6,576.80	252,348.87
Pineapples	-	-	-	-
Plums	-	-	-	95,473.33
Pomegranates	-	-	-	2,899.23
Prunes	-	-	-	15,780.16
Blueberries	-	-	-	547.17
Strawberries	-	20,715.50	-	208,733.24
Raspberries	-	-	-	-
Mixed	-	-	-	74,371.45
Total Fruit	-	33,474.65	34,345.23	1,437,014.21
Mixed Fruit&Veg.	1,227.00	-	-	1,227.00
Nuts	-	-	-	
Grand Total	515,938.90	120,556.15	44,415.65	5,583,451.00

Table 76 - Value by Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1957.

(C) From Other Countries

	Australia	B.W.Indies	Cuba	Egypt	Honduras
Asparagus	-	-	-	-	-
Beans	-	-	-	-	-
Beets	-	-	-	-	-
Cabbage	-	-	-	-	-
Carrots	-	4,160.00	-	-	-
Canteloups	-	-	-	-	-
Cauliflower	-	-	-	-	-
Celery	-	26,980.32	-	-	-
Cucumbers	-	-	-	-	-
Honey Dew	-	-	-	-	-
Lettuce	-	-	-	-	-
Onions	8,737.75	900.00	-	21,363.15	-
Peas	-	-	-	-	-
Peppers	-	248.00	-	-	-
Radishes	-	-	-	-	-
Rhubarb	-	-	-	-	-
Shallots	-	-	-	-	-
Spinach	-	-	-	-	-
Sweet Potatoes	-	-	-	-	-
Tomatoes	-	147,870.09	88,456.75	-	-
Turnips	-	-	-	-	-
Watermelons	-	-	-	-	-
Mixed & other	-	4,803.80	1,026.02	-	-
Total	8,737.75	184,962.21	89,482.77	21,363.15	-
Potatoes	-	10,555.39	-	-	-
Oranges	9,000.00	205,491.94	1,500.00	-	13,433.43
Lemons	-	941.00	-	-	-
Grapefruit	-	38,030.15	8,755.91	-	26,212.84
Others	-	2,026.00	-	-	-
Mixed	-	2,311.58	-	-	1,000.00
Total Citrus	9,000.00	248,800.67	10,255.91	-	40,646.27
Apples	25,050.00	-	-	-	-
Apricots	-	-	-	-	-
Bananas	-	1,138,830.19	7,229.64	-	-
Cherries	-	-	-	-	-
Cranberries	-	-	-	-	-
Grapes	-	-	-	-	-
Peaches	-	-	-	-	-
Pears	8,811.60	-	-	-	-
Pineapples	-	-	77,848.37	-	-
Plums	-	-	-	-	-
Pomegranates	-	-	-	-	-
Prunes	-	-	-	-	-
Blueberries	-	-	-	-	-
Strawberries	-	-	-	-	-
Raspberries	-	-	-	-	-
Mixed	-	1,595.69	-	-	-
Total Fruit	33,861.60	1,140,425.88	85,078.01	-	-
Mixed Fruit&Veg.	-	11,450.45	4,304.69	-	-
Nuts	-	48,313.73	-	-	-
Grand Total	51,599.35	1,652,488.33	189,121.38	21,363.15	40,646.27

Table 76 (cont.) - Value By Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1937

(C) From Other Countries

	Italy	Jaffa	Mexico	N.Zealand	Puerto Rico
Asparagus	-	-	-	-	-
Beans	-	-	-	-	-
Beets	-	-	-	-	-
Cabbage	-	-	-	-	-
Carrots	-	-	-	-	-
Canteloups	-	-	3,000.00	-	-
Cauliflower	-	-	-	-	-
Celery	-	-	-	-	-
Cucumbers	-	-	-	-	-
Honey Dew	-	-	-	-	-
Lettuce	-	-	-	-	-
Onions	-	-	-	-	-
Peas	-	-	20,234.75	-	-
Peppers	-	-	-	-	-
Radishes	-	-	-	-	-
Rhubarb	-	-	-	-	-
Shallots	-	-	-	-	-
Spinach	-	-	-	-	-
Sweet Potatoes	-	-	-	-	-
Tomatoes	-	-	344,076.29	-	-
Turnips	-	-	-	-	-
Watermelons	-	-	-	-	-
Mixed & other	-	-	-	-	-
Total	-	-	367,311.04	-	-
Potatoes	-	-	-	-	-
Oranges	-	-	-	-	-
Lemons	360,653.38	22,579.20	-	-	-
Grapefruit	-	-	-	-	1,764.60
Others	-	-	-	-	-
Mixed	11,922.68	-	-	-	-
Total Citrus	372,576.06	22,579.20	-	-	1,764.60
Apples	-	-	-	85,257.80	-
Apricots	-	-	-	-	-
Bananas	-	-	-	-	-
Cherries	-	-	-	-	-
Cranberries	-	-	-	-	-
Grapes	-	-	-	-	-
Peaches	-	-	-	-	-
Pears	-	-	-	-	-
Pineapples	-	-	-	-	1,585.69
Plums	-	-	-	-	-
Pomegranates	-	-	-	-	-
Prunes	-	-	-	-	-
Blueberries	-	-	-	-	-
Strawberries	-	-	-	-	-
Raspberries	-	-	-	-	-
Mixed	-	-	-	-	-
Total Fruit	-	-	-	85,257.80	1,585.69
Mixed Fruit&veg.	-	-	-	-	-
Nuts	-	-	-	-	-
Grand Total	372,576.06	22,579.20	367,311.04	85,257.80	3,350.29

Table 76 (cont.) - Value By Origin of Individual Commodities Arriving By Rail, Boat and Truck in Montreal in 1937

(C) From other Countries

	S.Africa	S.America	Spain	Syria	Other Imports	Total
Asparagus	-	-	-	-	824.51	824.51
Beans	-	-	-	-	-	-
Beets	-	-	-	-	-	-
Cabbage	-	-	-	-	-	-
Carrots	-	-	-	-	-	4,160.00
Canteloups	-	-	-	-	517.65	3,517.65
Cauliflower	-	-	-	-	-	-
Celery	-	-	-	-	153.59	27,133.91
Cucumbers	-	-	-	-	357.66	357.66
Honey Dew	-	2,800.00	-	-	543.15	3,343.15
Lettuce	-	-	-	-	-	-
Onions	-	6,000.00	312.78	13,000.00	543.43	50,857.11
Peas	-	-	-	-	-	20,234.75
Peppers	-	-	-	-	-	248.00
Radishes	-	-	-	-	-	-
Rhubarb	-	-	-	-	-	-
Shallots	-	-	-	-	-	-
Spinach	-	-	-	-	315.98	315.98
Sweet Potatoes	-	-	-	-	-	-
Tomatoes	-	-	-	-	3,000.00	583,403.13
Turnips	-	-	-	-	-	-
Watermelons	-	-	-	-	-	-
Mixed & other	-	-	-	-	2,236.18	8,066.00
Total	-	8,800.00	312.78	13,000.00	8,492.15	702,461.85
Potatoes	-	-	-	-	-	18,535.39
Oranges	163,750.57	299,296.46	21,611.99	-	4,424.37	718,508.76
Lemons	-	6,000.00	1,352.00	-	7,069.91	398,595.49
Grapefruit	2,220.00	7,022.14	-	-	7,792.93	91,798.57
Others	-	-	-	-	1,617.03	3,643.03
Mixed	-	-	1,113.85	-	1,500.00	17,848.11
Total Citrus	165,970.57	312,318.60	24,077.84	-	22,404.24	1,230,393.96
Apples	-	-	-	-	-	110.307.80
Apricots	-	-	-	-	-	
Bananas	-	-	-	-	-	1,146,059.83
Cherries	-	-	-	-	-	-
Cranberries	-	-	-	-	-	
Grapes	2,059.12	49,619.81	-	-	4,201.80	55,880.73
Peaches	-	-	-	-	-	-
Pears	-	-	-	-	-	8,811.66
Pineapples	-	-	-	-	-	79,734.06
Plums	-	-	-	-	-	-
Pomegranates	-	-	-	-	-	-
Prunes	-	-	-	-	-	-
Blueberries	-	-	-	-	-	-
Strawberries	-	-	-	-	154.59	154.59
Raspberries	-	-	-	-	-	-
Mixed	2,000.00	9,347.48	-	-	30,977.04	43,920.21
Total Fruit	4,059.12	58,967.29	-	-	35,333.43	1,444,568.82
Mixed Fruit&Veg.	-	-	-	-	99,758.07	115,513.21
Nuts	-	-	-	-	173.76	48,487.49
Grand Total	170,029.69	380,085.89	24,390.62	13,000.00	166,161.65	3,559,960.72

Table 77

Summary by Value by Origin of Individual Commodities Arriving by Rail Boat and Truck in Montreal in 1937.

Commodity	Quebec Province	Other Canadian Provinces	United States	Other Countries	Total
Asparagus	11,002.00	4,342.63	17,454.38	824.51	33,623.52
Beans	81,468.00	-	86,912.25	-	168,380.25
Beets	85,492.00	36.75	2,201.49	-	87,730.24
Cabbage	154,261.00	9,544.03	89,850.81	-	253,655.84
Carrots	282,093.00	1,330.57	158,412.43	4,160.00	446,546.00
Canteloup	21,319.00	12,634.94	110,377.97	3,517.65	147,848.56
Cauliflower	184,627.00	5,191.97	58,738.51	-	248,557.48
Celery	126,704.00	46,425.10	218,899.99	27,133.91	419,163.00
Cucumbers	142,010.00	14,505.03	24,520.25	357.66	181,392.94
Honeydew	-	-	38,785.72	3,343.15	42,128.87
Lettuce	279,021.00	-	452,728.55	-	731,749.55
Onions	266,786.00	75,837.41	28,474.09	50,857.11	421,954.61
Peas	68,622.00	2,499.08	55,963.81	20,234.75	147,319.64
Peppers	(1)	15.08	750.00	248.00	1,013.08
Radishes	116,775.00	118.67	19,369.71	-	136,263.38
Rhubarb	32,443.00	714.19	-	-	33,157.19
Shallots	14,323.00	-	11,456.13	-	25,779.13
Spinach	49,893.00	100.13	67,750.49	315.98	118,059.60
Sweet Potatoes	(1)	-	19,755.00	-	19,755.00
Tomatoes	268,738.00	62,545.17	441,191.35	583,403.13	1,355,877.65
Turnips	128,523.00	3,525.00	-	-	132,048.00
Watermelon	-	-	49,339.80	-	49,339.80
Other & Mixed	(2)407,066.00	6,476.96	185,980.94	8,066.00	607,589.90
Total	2,721,166.00	246,452.71	2,138,915.67	702,461.85	5,808,994.23
Potatoes	1,055,209.00	1,101,963.52	60,610.73	18,535.39	2,236,318.64
Oranges	-	-	1,455,256.80	718,508.76	2,173,765.56
Lemons	-	-	107,868.85	398,595.49	506,464.34
Grapefruits	-	-	244,135.40	91,798.57	335,933.97
Other citrus	-	-	17,597.12	3,643.03	21,240.15
Mixed citrus	-	-	120,827.22	17,848.11	138,675.33
Total			1,945,685.39	1,230,393.96	3,176,079.35

(1) Included under other vegetables.

(2) Includes corn $210,818; Mushrooms $74,562; Parsnips $47,811; Brussel Sprouts $17,032.

Table 77 (cont.)

Summary by Value by Origin of Individual Commodities Arriving by Rail Boat and Truck in Montreal in 1937.

Commodity	Quebec Province	Other Canadian Provinces	United States	Other Countries	Total
Apples	581,041.00	719,127.72	94,390.54	110,307.80	1,504,867.06
Apricots	-	3,000.00	2,036.67	-	5,036.67
Bananas	-	-	527.37	1,146,059.83	1,146,587.20
Cherries	-	71,746.44	49,444.48	-	121,190.92
Cranberries	-	13,895.03	24,691.25	-	38,586.28
Grapes	-	106,456.05	503,670.73	55,880.73	666,007.51
Peaches	-	114,724.87	112,099.72	-	226,824.59
Pears	-	38,891.32	252,348.87	8,811.60	300,051.79
Pineapples	-	-	-	79,434.06	79,434.06
Plums	-	10,391.14	95,473.33	-	105,864.47
Pomegranates	-	-	2,899.23	-	2,899.23
Prunes	-	-	15,780.16	-	15,780.16
Blueberries	(3)38,529.00	16,859.88	547.17	-	55,936.05
Strawberries	177,620.00	93,743.49	208,733.24	154.59	480,251.32
Raspberries	127,644.00	13,047.00	-	-	140,691.00
Mixed		191,423.00	74,371.45	43,920.21	309,714.66
Total	924,834.00	1,393,305.94	1,437,014.21	1,444,568.82	5,199,722.97
Mixed Fruit & Vegetables	(4)	44,875.03	1,227.00	115,513.21	165,615.24
Nuts		6.52		48,487.49	48,494.01
Grand Total	4,701,209.00	2,786,603.72	5,583,451.00	3,559,960.72	16,631,224.44

(3) Includes Northern Ontario as well as Quebec.
(4) Includes some potatoes.

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